

ARCHITECTURAL SURVEY
PUUC ARCHAEOLOGICAL REGION
1984 FIELD SEASON
VOLUME 2

(REVISED VERSION - 1990)

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SITE: CHACMULTUN

NUMBER: 16Qd(10):20

DATE: 3/12/1983

BACKGROUND: The ruins of Chacmultun were first reported by Teobert Maler (1895, 1902). Maler was followed by E.H. Thompson (1904) who provided a rather detailed account of three major groups of structures, together with drawings and photographs. Mariscal (1928), Marquina (1928, 1951), Reygadas (1928), Palacio (1945), and Pollock (1980), added some details to the earlier Maler and Thompson reports but much of their material was based on Thompson's earlier report. In 1981 a preservation project was initiated at the site under the sponsorship of the Patronato para la Conservacion, Mantenimiento y Vigilancia de las Zonas Arqueologicas de la Peninsula de Yucatan (PROZAPY, A.C.), with Antonio Benavides C. of the Centro Regional del Sureste, INAH, as project director. Over a two year period (1981-82) a number of buildings at the site were cleared and consolidated, the site environs were explored in order to locate residential sectors, and a sketch map of the site nucleus was made (Benavides, 1985). I explored the site on a number of occasions, starting in 1974, and my most recent data comes from 1983, following the completion of the preservation project of 1981-82.

SITUATION: The site is situated about 9-10 kilometers (by road) west-southwest of the modern town of Tekax. This places it very close to the southeastern border of the Puuc archaeological region.

TOPOGRAPHY: The terrain in the immediate vicinity of the site is very hilly and the major groups in the site center itself are situated on the tops of hills which have been artificially leveled and terraced. As noted many years ago by Thompson (1904), the West Group (Xetpol Group) is situated on top of the highest hill in the immediate vicinity. The area just northeast of the South Group (Cabalpak Group) is relatively flat and appears to be the only naturally level area within the site core.

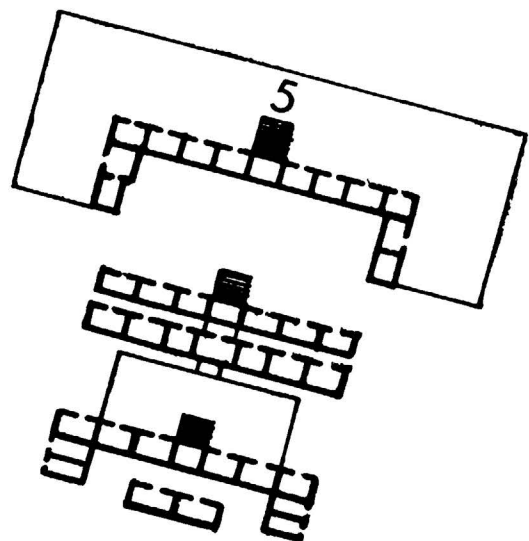
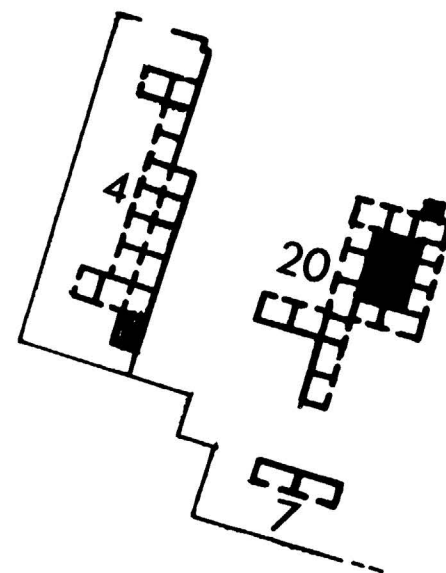
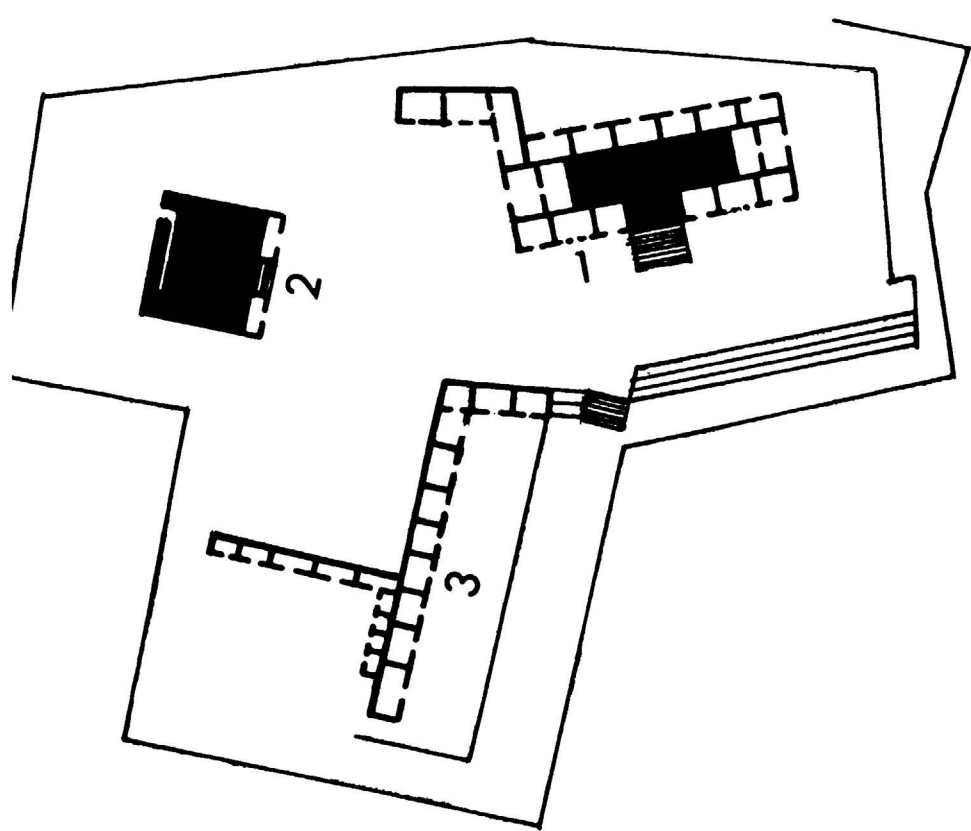
WATER SUPPLY: No natural water supply in the form of aguadas or sartenejas known. Several chultuns observed within the various groups and there are probably others which I did not see. The chultun in front of Structure 2 in the North Group (Chacmultun Group) is somewhat unusual as it has a five-sided neck. The chultun in the upper terrace behind Structure 5 of the South Group

(Cabalpak Group) has recently been repaired and now provides water on a year-round basis.

MAPS: Very rough sketch map provided by Thompson (1904, Plate III). Most recent map can be found in Benavides (1985, fig. 1). A copy of the latter map is included with the present report.

SIZE The site nucleus covers an area of about one square kilometer. The residential areas extend out beyond this nucleus for some distance and Benavides (1985) recorded one hundred and twenty-one structures in one of these suburban residential areas, which is known as San Dario, covering an area of about one half of a square kilometer. San Dario is situated about two kilometers northeast of the site center.

CIVIC PLAN: The major buildings of the three principal groups (Chacmultun, or North Group, Cabalpak, or South Group, and Xetpol, or West Group), face toward one another but their orientations differ considerably. The overall scheme, which can be called organic, is clearly based on the fortuitous features of the natural landscape where the highest elevations have been selected as building sites. This pattern is consistent with conditions elsewhere in the Puuc region wherever the majority of the buildings are sited on hillsides or hilltops. While the plan as seen in Benavides' map seems scattered, it must be kept in mind that the smaller house mounds and other low platform constructions which filled much of the in-between space are not shown.



0 50 100 150 FT

Chacmultun, Yucatan
 Site 16Qd(10): 20
 Sketch Map - Main Groups
 G.F. Andrews, 1983

CHACMULTUN GROUP (NORTH GROUP)

This group is situated near the northwestern edge of the site nucleus where a low hill, or natural rise of ground, has been terraced into several different levels (see sketch plan). The uppermost terrace supports the remains of two major buildings (Structures 1 and 2) while Structure 3 consists of several rows of rooms on a lower level along the edges of the upper terrace. Several smaller buildings are found below the main terraces on the east side (Structure 15-19). The upper terrace has a rather irregular form which seems to be due for the most part to the natural shape of the hill. The recent clearing and consolidation project sponsored by PROZAPY, A.C., with Antonio Benevades C. as Project Director, resulted in the clearing and consolidation of seventeen vaults, two stairways, and numerous walls in Structures 1, 2, 3, 6, 10, 15, 16, and 17 of this group.

GENERAL DESCRIPTION: Structure 1, which has also been called a temple-palace or The Palace, is a one-story structure which has two main parts: 1) a large, rectangular section with single rows of rooms built around three, and possibly four, sides of a solid core, and 2) a three-room wing which extends westward from the northwest corner of the main mass (see plan). There were at least eighteen rooms in all and it is possible that there were one or two additional lateral rooms at the east end of the main section, matching those at the west end. The easternmost rooms are now completely fallen and it is difficult to reconstruct the plan at this end.

A broad stairway between rooms and on the south side leads up to the roof level and there is a narrower stairway on the west side, with a passageway below, which is centered on the dividing wall between Rooms 1 and 2. Both stairways appear to be secondary constructions as the half-vault under the stairway on the west side rests on top of the medial molding of the main wall, which is continuous, and the moldings and upper wall of the south facade behind the south stairway also continue on behind the stairway. There are no rooms on the upper level and any additional structures which may have been planned were never built.

ORIENTATION: Varies. See plan.

EXTERIOR DETAILS: Details below are for facades of Rooms 1-5. Facades of other rooms probably similar.

BASE MOLDING:

Form: Single member, rectangular molding.

Size: .30-.38 m. high.

Projection: Varies - .02-.04 m.

Other: Molding on south side is plain. Groups of three inset colonnettes, about high, in face of molding on west side.

LOWER WALL ZONE:

Height: 2.56 m., top of base molding to bottom of medial molding.

Stonework: Walls faced with 8 courses of well-dressed squarish blocks.

Thickness: Front wall, south side, .72 m. thick.

Decoration: None.

DOORWAYS:

Shape: Rectangular. Doorways to Rooms 5 and 7 on south side had multiple openings, formed by round columns with square capitals.

Jambs: Jambs faced with large slabs, full thickness of wall.

Lintels: Stone lintels.

MEDIAL MOLDING:

Form: Three members.

Size: Overall height - .68 m. Central member .12 m. high.

Projection: About .46 m. at bottom.

Decoration: Central member carries guilloche design on face.

UPPER WALL ZONE:

Height: 1.73 m., top of medial molding to bottom of cornice.

Stonework: Walls, where plain, faced with 4 courses of well-cut blocks, varying in size.

Decoration: Upper wall, south side, filled with continuous row of colonnettes in spaces between huts. Colonnettes carry spools at third points. Hut forms on both south and west facades, over doorways (see details).

CORNICE:

Form: Three members. Apron type-member top and bottom with rectangular central member.

Size: Overall height .99 m. Central member about .12 m. high. Upper member about .53 m. high.

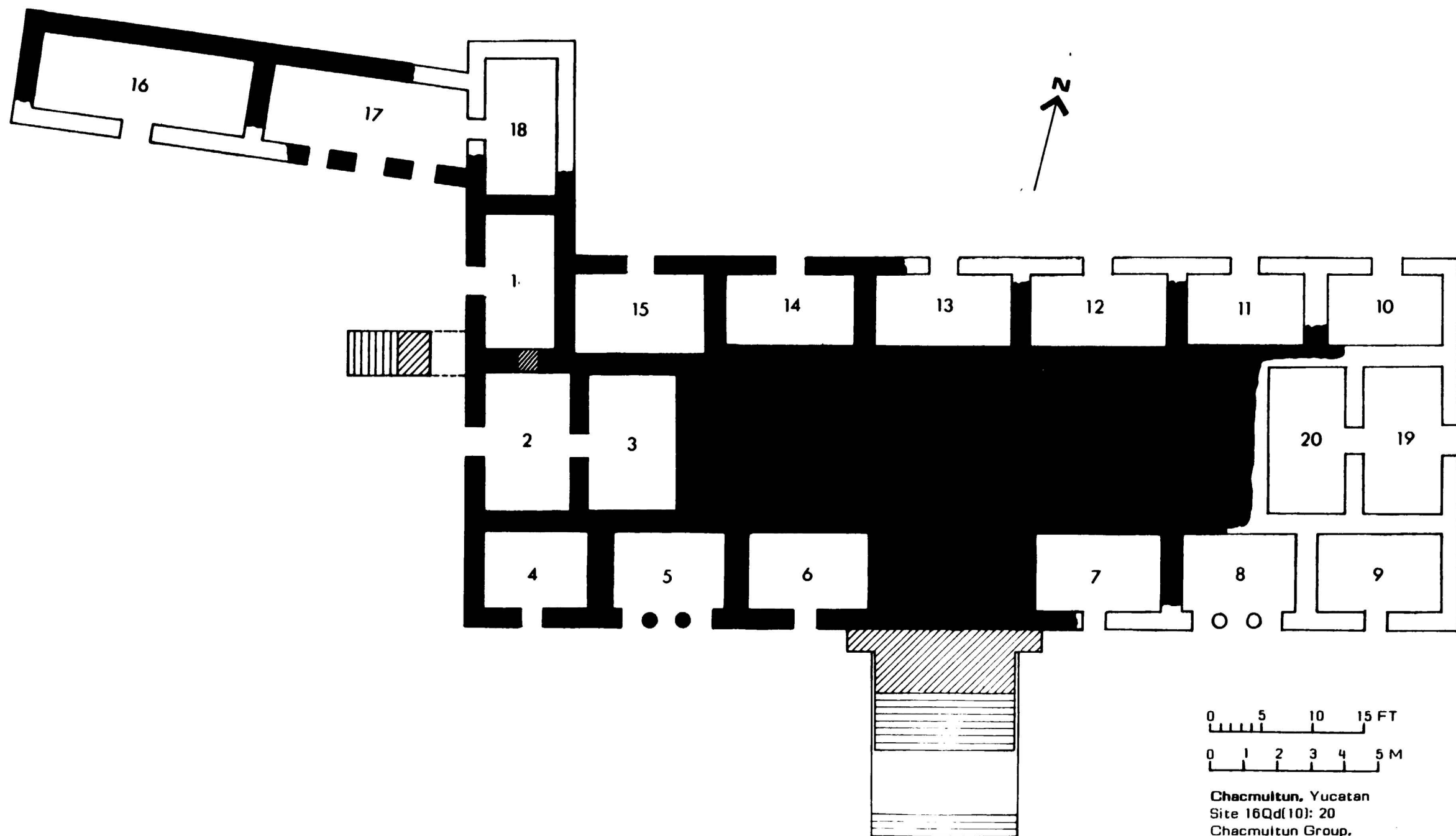
Projection: About .15 m. at bottom.

Decoration: Face of central member carries guilloche design as well as a number of what both Maler and Thompson refer to as projecting phallic symbols. I am not so sure of this designation, as forms strike me as bird-like, though highly stylized (see photos).

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Mosaic style. Pollock (1980) reports finding a number of mask elements in the debris near the southwest corner and illustrated the remains of a seated human figure which was supposed to have come from the same corner. These elements, plus presence of huts and colonnettes in upper walls, indicate classic Puuc Mosaic style.

COMMENTS: Structure most certainly represents several construction stages but the number of stages and their sequence is not clear. As noted earlier, both stairways appear to be secondary constructions and the projecting west wing may be wholly, or in part, secondary to the main building.



0 5 10 15 FT
0 1 2 3 4 5 M

Chacmultun, Yucatan
Site 16Qd(10): 20
Chacmultun Group,
Structure 1
G.F. Andrews, 1983

SITE: CHACMULTUN

NUMBER: 16Qd(10):20

DATE: 3/12/1983

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 1

Length: 5.82 m.

Width: 3.02 m. (approx.)

WALLS:

Height: 2.81 m. (approx.) floor to springline.

Thickness: Dividing wall to Room 18 is .78 m. thick.

Stonework: Low wall added in south end of room. Wall is .30 m. thick, .76- .91 m. high. Exterior walls faced with 9 courses of well-cut blocks.

Doorways: Exterior doorway 1.32 m. wide.

Rod Sockets: No data.

Cordholders: Numerous small cordholders scattered around in walls and vaults.

Rings: Small ring in vault, about .91 m. above springline.

Wall Openings: None noted.

Platforms: None.

Other: Stone feet high in end walls - 1.65 m., springline to bottom of feet. No feet in vaults or lower walls.

VAULTS:

Springline Offset: No data.

Height: 2.47 m., springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: No data.

Capstones: No data.

Crossbeams: Single crossbeams near ends of room, .23 m. to center below springline. Additional crossbeam near center of room, midway between springline and capstone molding. Three more crossbeams about .25 m. below capstone molding.

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 2 (West side, outer room)

DIMENSIONS:

Length: 5.96 m.Width: 3.70 m.

WALLS:

Height: 2.82 m., floor to springline.Thickness: Exterior wall .75 m. thick.Stonework: Same as in other rooms.Doorways: Exterior doorway, 1.32 m. wide. .52 m. bottom of lintel to springline.Rod Sockets: None.Cordholders: None visible.Rings: None (see "feet" below).Wall Openings: Doorway in north end wall which was later blocked up. This doorway .96 m. wide.Platforms: Projecting base at bottom of rear wall - .34 m. high, projects .037 m. beyond wall above. Low platform in front of doorway to rear room.Other: Stone "feet" in end walls, 1.82 m. above springline. Two additional feet in rear wall, .25 m. above springline, .61 m. from end walls. Other feet in both rear and front walls, about 1.4-1.5 m. above springline at approximate third points of room.

VAULTS:

Springline Offset: About .09 m.Height: 2.64 m., springline to bottom of capstone molding.Form: Vault faces have straight sides.Stonework: Same as other rooms.Capstones: Capstone span about .48 m.Crossbeams: Single crossbeams near both ends of room, .30 m. to center above springline. Four additional crossbeams just below capstone molding.**OBSERVATIONS:** This room, and adjacent Room 3 as well, are among the widest I

have ever seen in any part of the Puuc region. Room 3, which is 3.80 m. wide, is exceeded in width only by Room 11 in Structure 5 at Chacmultun, which is 4.11 m. wide. In contrast, the average room in classic Puuc buildings is about 2.6-2.65 m. wide.

INTERIOR DETAILS: Room 3 (Inner room)

DIMENSIONS:

Length: 5.88 m.

Width: 3.80 m.

WALLS:

Height: 2.36 m. (approx.) floor to springline.

Thickness: Dividing wall to Room 2 is .70 m. thick.

Stonework: Same as in other rooms.

Doorways: Doorway to Room 2 is 1.05 m. wide. .26 m. bottom of lintel to springline.

Rod Sockets: None.

Cordholders: Finger-type cordholders high and low, both sides of doorway, .20 m. from jambs, .175 m. below springline, and .175 m. above floor.

Rings: None (see "feet" below.)

Wall Openings: None noted.

Platforms: Platform centered against rear wall - .30 m. high. 2.74 m. wide, and 1.50 m. deep.

Other: Floor of this room raised about .34 m. above floor of adjacent Room 2. Numerous stone "feet" in end walls and vaults, in about same location as in adjacent Room 2.

VAULTS:

Springline Offset: About .07 m.

Height: 2.64 m. (approx.), springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Stonework: Vault faced with well-cut, boot-shaped blocks with roughly square faces.

Capstones: No data.

OBSERVATIONS: See Room 2 for comments about width of this room, which exceeds average room width by more than one meter.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 4 (Corner room)

DIMENSIONS:

Length: 4.49 m.

Width: 3.43 m.

WALLS:

Height: Uncertain - room partly filled with debris.

Thickness: Exterior wall about .71 m. thick.

Stonework: No data.

Doorways: Exterior doorway 1.0 m. wide.

Rod Scokets: No data.

Cordholders: Numerous small cordholders scattered around in walls and vaults - too many to show any pattern.

Rings: None noted.

Wall Openings: No data.

Platforms: None.

Other: Stone foot in southeast corner of room, .15 m. to center from outside wall, .33 m. to bottom from springline. No other feet visible.

VAULTS:

Springline Offset: .09 m.

Height: 2.33 m. springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: Same as in other rooms.

Capstones: Capstone span about .40-.46 m. Molding below capstones about .10 m. high.

Crossbeams: Three rows of crossties near ends of room - lowest set is .35 m. above springline, .30 m. from end walls. Second set at upper third point of vault, with uppermost set just below capstone molding

OBSERVATIONS: Corner of room recently reconstructed.

SITE: CHACMULTUN

NUMBER:

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 5

DIMENSIONS:

Length: 4.80 m.

Width: 3.34 m.

WALLS:

Height: 2.76 m. (approx.), floor to springline.

Thickness: Front wall .71 m. thick at jamb.

Stonework: Walls faced with small to medium sized veneer-type blocks.

Doorways: Overwall width of doorway 3.94 m. Two round columns with rectangular capitals in doorway. Columns about .61 m. in diameter at largest point. Capitals .76 m. wide, .73 m. deep and .25 m. high. .50 m., bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: No data.

Rings: Large rings, about .20 m. in diameter in both end walls - .19 m. to center below springline. .23 m. to center from back wall. Very small rings near front wall in same position. Other small rings and cordholders in upper portion of end walls.

Wall Openings: No data.

Platforms: None.

VAULTS:

Springline Offset: .09 m. (approx.)

Height: 2.23 m., springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: Vault faced with 7 courses of well-cut, boot-shaped stones with squarish faces.

Capstones: Capstone span .50-.60 m.

Crossbeams: Three rows of crossbeams as in Room 4. Lowest beams near ends of room, about .30 m. above springline. Second row about .80 m. below capstone molding and upper row just below capstone molding.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 6

DIMENSIONS:

Length: 5.19 m.

Width: 3.33 m.

WALLS:

Height: 2.76 m. (approx.) floor to springline.

Thickness: Front wall .72 m. thick at doorjamb.

Stonework: Walls faced with small to medium-sized veneer-type blocks, moderately well-cut.

Doorways: Exterior doorway .99 m. wide.

Rod Sockets: No data.

Cordholders: Many small cordholders scattered around in walls and vaults.

Rings: Stone rings just below springline in end walls close to rear walls as in Room 5.

Wall Openings: None noted.

Platforms: None.

VAULTS: Details of vault similar to those seen in adjacent Room 5.

INTERIOR DETAILS: Room 7

Length: 4.76 m.

Width: 3.35 m.

Other: No other data recorded. Details similar to those seen in Room 6.

INTERIOR DETAILS: Room 8

No data - room completely fallen. Thompson's photo (1904, Plate IV. No. 3) shows two round columns with rectangular capitals still in place in exterior doorway. Based on Thompson's photo, I assume this room was similar to Room 5 in all respects.

INTERIOR DETAILS: Room 9

No data - completely fallen.

INTERIOR DETAILS: Room 10

No data - completely fallen.

INTERIOR DETAILS: Room 11

Length: 5.04 m.

Width: No data.

Other: Dividing wall to Room 10 is .99 m. thick.

INTERIOR DETAILS: Room 12

Length: 5.76 m.

Width: No data.

Other: Dividing wall to Room 11 is .78 m. thick.

INTERIOR DETAILS: Rooms 13-15 - See separate sheets.

INTERIOR DETAILS: Room 16

No data - room collapsed.

INTERIOR DETAILS: Room 17

Room approximately 8.61 m. long. Jambs of three doorways in south wall still standing. Central doorway 1.40 m. wide, adjacent doorways about .91 m. wide. Probable doorway in east end wall giving access to Room 18.

INTERIOR DETAILS: Room 18

Length: 5.76 m.

Width: No data.

Other: This room mostly fallen - no real data.

SITE: CHACMULTUN

NUMBER: 16Qd(10) 20

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 13 (North side)

DIMENSIONS:

Length: 5.82 m.

Width: 2.98 m.

WALLS:

Height: 2.61 m. (approx.) floor to springline.

Thickness: Front wall fallen - no data. Dividing wall to Room 14 .83 m. thick.

Doorways: No data - fallen.

Rod Sockets: No data.

Cordholders: Small, finger-type cordholders scattered in walls and vault.

Rings: Large ring centered in east end wall, about 1.52 m. above floor, set horizontally. Smaller ring in west end wall at same height but off center to north.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Form: Vault faces have straight sides.

Other: No other data recorded.

SITE: CHACMULTUN

NUMBER: 16Qd(10)20

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 14

DIMENSIONS:

Length: 5.56 m.

Width: 3.06 m.

WALLS:

Height: 2.64 m. (approx.), floor to springline.

Thickness: Exterior wall, .66 m. thick. .59 m. bottom of lintel to springline.

Doorways: Doorway 1.26 m. wide.

Rod Sockets: None.

Cordholders: Finger-type cordholders, both sides of doorway. Large cordholders in end walls and scattered small cordholders in walls and vaults.

Rings: Three stone rings in rear wall, just below springline. Central ring is vertical. Adjacent rings horizontal. 1.29 m. (approx.) central ring to adjacent rings.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: .06 m.

Height: Same as Room 15

Form: Vault faces have slight curvature.

Stonework: No data.

Capstones: No data.

Crossbeams: Single crossbeams near ends of room just above springline. Additional crossbeams above, about .27 m. below capstone molding.

SITE: CHACMULTUN

NUMBER:16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 1, CHACMULTUN GROUP

INTERIOR DETAILS: Room 15 (North side)

DIMENSIONS:

Length: 5.63 m.

Width: 3.52 m.

WALLS:

Height: 2.60 m., floor to springline.

Thickness: Exterior wall .68 m. thick at doorjamb.

Stonework: No data.

Doorways: Exterior doorway 1.27 m. wide.

Rod Sockets: Rod sockets low in jambs, .11 m. from inside wall, .30 m. above floor.

Cordholders: Many small cordholders and small rings scattered in walls and vaults.

Rings: Stone rings in east end wall, 1.42 m. to bottom above springline. Three large rings just below springline in both ends of room, .81 m. on center. .20 m. to center from springline.

Wall Openings: None noted.

Platforms: None.

Other: Stone foot centered in west end wall, 1.62 m. above springline.

VAULTS:

Springline Offset: About .07 m.

Height: 2.59 m. (approx.), springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: No data.

Capstones: No data.

Crossbeams: Single crossbeams .38 m. from end walls, .38 m. to center above springline. Additional crossbeams in capstone molding.

STRUCTURE 2, CHACMULTUN GROUP

GENERAL DESCRIPTION: Structure 2 is a good-sized, roughly square structure which stands on a platform, or base, about 1.22 m. high. A broad stairway on the east side leads from the main terrace level to the top of this platform. There are two rooms on the east side, with a recessed stairway between, and a narrow, gallery-like space on the west side with a small, window-like opening near the north end (see plan). It is clear that the rooms on the east side, and the stairway between leading to the roof, are secondary to the main structure which is mostly a solid mass of masonry. Maler (1895) called this structure a "courthouse or TLATOCAN" and suggested that severely sentenced criminals were imprisoned in the narrow gallery on the west side.

ORIENTATION: 103 degrees (magnetic), perpendicular to rooms on east side.

EXTERIOR DETAILS: Details below are for rooms on east side only.

BASE MOLDING: No real base molding. Floor of rooms raised about .30 m. above main platform.

LOWER WALL ZONE:

Height: 2.82 m. top of main platform to bottom of medial molding.

Stonework: Walls faced with 9-10 courses of small blocks set in somewhat uneven courses.

Thickness: Exterior wall, east side, .71 m. thick.

Decoration: None - walls are plain.

DOORWAYS:

Shape: Rectangular.

Jambs: Faced with large slabs, full thickness of wall.

Lintels: Stone lintels, about .27 m. thick.

MEDIAL MOLDING:

Form: Three members. Apron-type members top and bottom with rectangular central member.

Size: About .56 m. high overall.

Projection: .23 m. at bottom.

Decoration: Face of central member shaped like short colonnettes.

UPPER WALL ZONE:

Height: No data - now mostly fallen.

Stonework: No data.

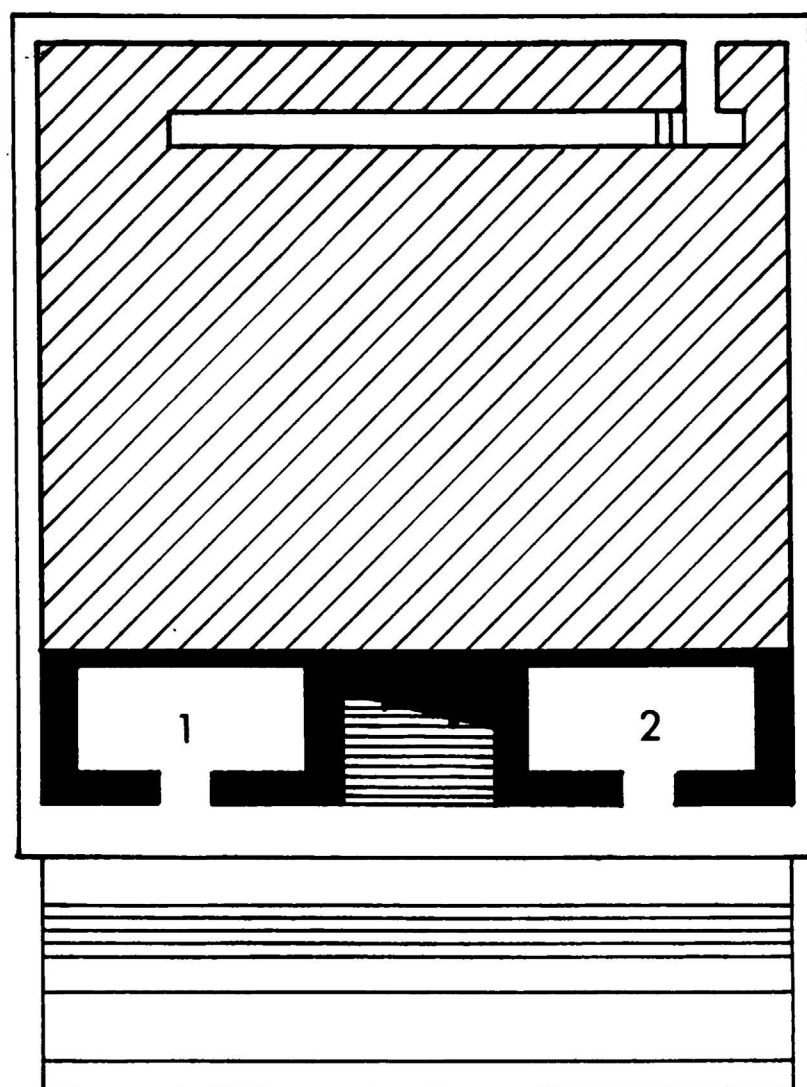
Decoration: None.

CORNICE: No data - fallen.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Colonnade style. This classification based on colonnade-like form of central member of medial molding.

COMMENTS: Structure 2 is unusual in several respects. Recessed stair to roof (where there are no rooms) differs from most Puuc stairways which are projecting, as in adjacent Structure 1. Narrow gallery, or passageway, in solid mass of rear portion is also unusual. This might have been a tomb but there is no positive evidence for this function. At most other sites, a solid mass of masonry of the kind seen here is surrounded by rooms on all sides, again as in adjacent Structure 1.



Plan - Main Level

Chacmultun, Yucatan
Site 16Qd(10): 20
Structure 2
G.F. Andrews, 1983

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/12/1983

STRUCTURE 2, CHACMULTUN GROUP

INTERIOR DETAILS: Room 1

DIMENSIONS:

Length: 5.17 m.

Width: 2.43 m. (approx.)

WALLS:

Height: Not recorded.

Thickness: Exterior wall .20 m. thick at doorjamb.

Stonework: Walls faced with small, square to rectangular blocks, set in uneven courses. Faces only moderately well-dressed.

Doorways: Exterior doorway 1.22 m. wide. Jambs faced with large slabs, full thickness of wall. Lintel above .27 m. thick, .56 m. bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: No data.

Rings: Large stone rings set vertically in both end walls just below springline, .63 m. to center from back wall.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: About .05 m.

Height: 2.40 m., springline to bottom of molding below capstones.

Form: Vault faces have straight sides.

Stonework: Vault faced with 5 courses of wedge to boot-shaped blocks with rectangular faces.

Capstones: No data.

Crossbeams: No data.

OBSERVATIONS: Details of this room very similar to those seen in Room 2.

SITE: CHACMULTUN

NUMBER: 16Qd(10) 20

DATE: 3/12/1983

STRUCTURE 2, CHACMULTUN GROUP

INTERIOR DETAILS: Room 2

DIMENSIONS:

Length: 5.12 m.

Width: 2.42 m.

WALLS:

Height: 2.40 m., floor to vault springline.

Thickness: Front wall .72 m. thick.

Stonework: Walls faced with small, squarish blocks, only moderately well-dressed, set in slightly uneven courses.

Doorways: Right doorjamb and lintel now fallen.

Rod Sockets: No data.

Cordholders: No data.

Rings: Large stone ring, set horizontally, .17 m. below springline, front wall.

Ring is .12 m. thick, .25 m. wide.

Wall Openings: Hole in north end wall about .30 m. below springline. Hole is .15 m. wide, .25 m. high.

Platforms: None.

VAULTS:

Springline Offset: No data.

Height: 1.61 m., springline to bottom of molding below capstones.

Form: Vault faces have straight sides.

Stonework: Vault faced with 5 courses of semi boot-shaped stones with square to rectangular faces.

Capstones: Capstone span about .38 m. Molding below capstone about .08 m. high.

Crossbeams: Single crossbeams near ends of room at springline.

SITE: CHACMULTUN

NUMBER: 16Qd(10) 20

DATE: 3/12/1983

STRUCTURE 2, CHACMULTUN GROUP

Notes on narrow gallery, west side

Entrance to gallery near north end about .73 m. wide and .91 m. high. Outside wall at this point is 1.52 m. thick. Passageway, with three steps up near entrance, is about .86 m. wide; covered over with crude vault, with no offset at springline and no molding below capstones.

STRUCTURE 3, CHACMULTUN GROUP

GENERAL DESCRIPTION: Structure 3 consists of several rows of rooms which form the outer edges of three sides of the large, irregularly shaped terrace which supports Structures 1 and 2 of this group (see sketch plan). One set of rooms, numbered 1-11, is L-shaped with the longer leg of the L running north-south. Running westward behind the eastern row of rooms (at more or less a right angle), is an additional row of five rooms (Rooms 12-16) with a short row of very small rooms (Rooms 17-20) at the east end which are backed up to the rear wall of Rooms 1-3 of the eastern set of rooms. Rooms 17-20 are now mostly fallen and offer no real architectural data.

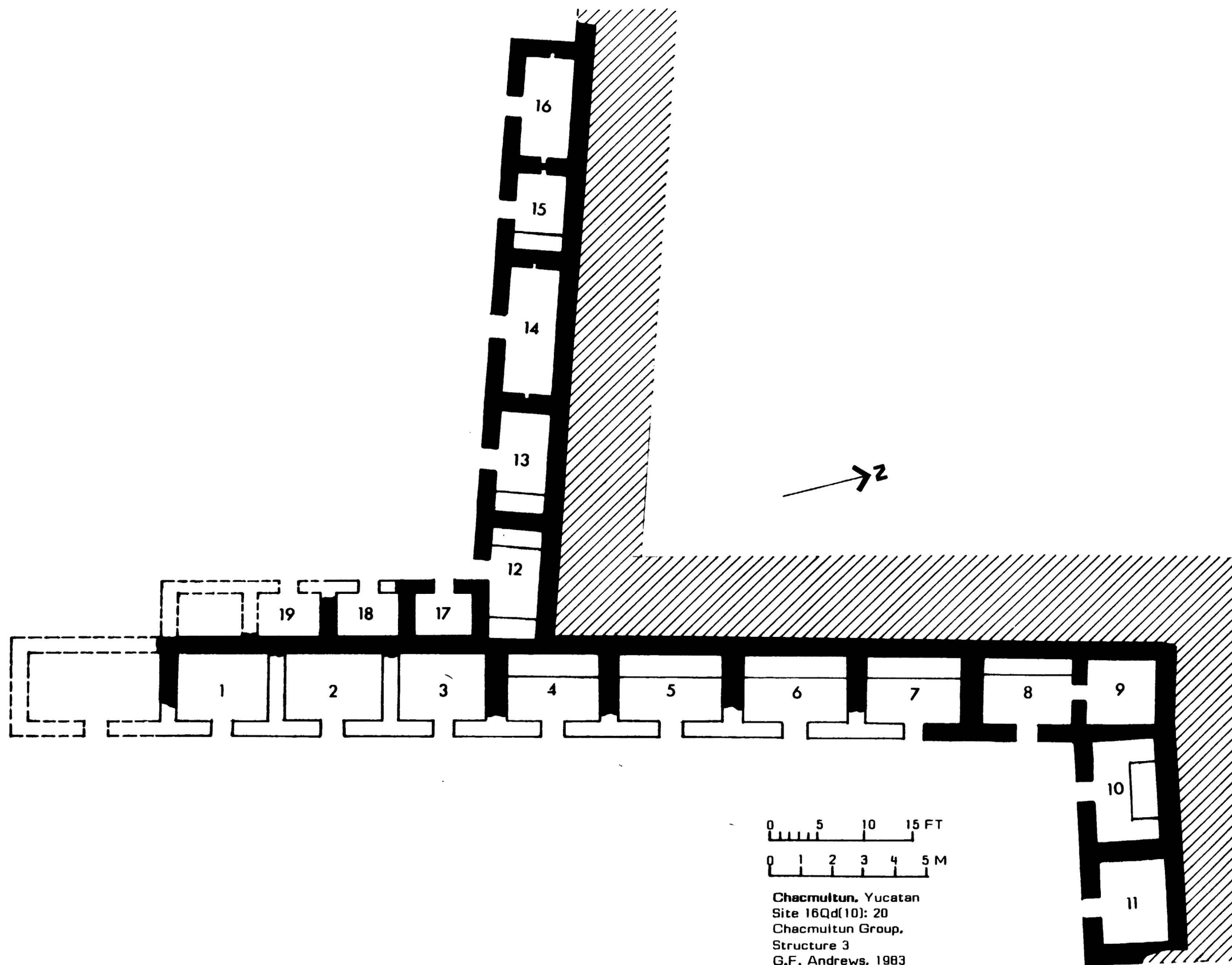
I believe that the roof of all twenty rooms extended above the level of the terrace behind for a distance of three to four feet, a detail which is found at many other sites where rows of rooms are found at the outer edges of large terraces. Room 10 of this structure is probably the most noteworthy since it contains the remains of polychrome paintings, showing rows of human figures, as well as hieroglyphic inscriptions. See Thompson (1904:p. 16) for a description of paintings. Thompson also included reproductions of the best preserved paintings. Unfortunately, the exteriors of most of the rooms are now fallen, offering few stylistic cues but there are many interior details still remaining., which I have recorded in some detail.

ORIENTATION: Varies - 101.5 degrees (magnetic) perpendicular to front wall of Rooms 1-9. 195 degrees (magnetic) perpendicular to front wall of Rooms 12-16.

EXTERIOR DETAILS: As noted above, most exterior walls have fallen, offering little in the way of architectural data. In a few places, however, parts of the medial molding are still in place and these show details very similar to those seen in Structure 1 of this group, where there are plain, apron-type members above and below a rectangular central member, which carries a guilloche design on its face. Stonework in lower walls is similar to that seen in Structure 1.

ARCHITECTURAL STYLE: Uncertain. All rooms clearly of Late Classic origin

but at present, there is no data regarding decorative features other than medial molding as noted above. I would guess classic Puuc Mosaic style, as in Structure 1, but this is only a guess.



SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Rooms 1-3

These rooms now completely collapsed. My notes give distance of 14.40 m. from dividing wall of Room 3 to wall at south end.

INTERIOR DETAILS: Room 4

Length: 4.26 m.

Width: 3.15 m.

Other: Thompson (1904:15) gives detailed description of large bench along back wall of this room. This bench covered with debris at time of my visits.

INTERIOR DETAILS: Room 5

Length: 4.80 m.

Width: No data - front wall fallen.

INTERIOR DETAILS: Room 6

Length: 4.79 m.

Width: No data - front wall fallen.

INTERIOR DETAILS: Room 7

Length: 4.49 m.

Width: No data.

INTERIOR DETAILS: Rooms 8, 9 and 10. See individual data sheets.

INTERIOR DETAILS: Room 11

Length: 3.85 m.

Width: 3.13 m.

INTERIOR DETAILS: Rooms 12 and 13. See individual data sheets.

INTERIOR DETAILS: Room 14

Length: 5.88 m.

Width: No data.

Rings: Large rings, about .26 m. in diameter, .10 m. thick with .10 m. diameter hole, in both end walls at springline.

Wall Openings: Small niches, high in both end walls.

INTERIOR DETAILS: Room 15. See separate data sheet.

INTERIOR DETAILS: Room 16

Rings: Two rings in east end wall, about .30 m. below springline, .68 m. on center.

Wall Openings: Niches in both end walls, same as in Room 15.

INTERIOR DETAILS: Room 17

Length: 2.87 m.

Width: 2.03 m.

INTERIOR DETAILS: Rooms 18, 19, 20. No data - completely fallen.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Room 8

DIMENSIONS:

Length: About 4.20 m.

Width: 3.10 m.

WALLS:

Height: No data.

Thickness: Exterior wall, .72 m. thick at doorjamb. Dividing wall to Room 9 .53 m. thick.

Stonework: No data.

Doorways: Exterior doorway .96 m. wide. Doorway to Room 9 in north end wall is .79 m. wide.

Rod Sockets: Three rod sockets in both jambs, one high, two below.

Cordholders: No data.

Rings: None noted.

Wall Openings: None, other than doorway to Room 9.

Platforms: Large platform against rear wall. Platform is .81 m. deep, at least .68 m. high. Large niches in front wall of platform, with masks (heads) in solid spaces between niches.

Other: Broad, blue stripe painted around jamb and head of doorway to rear room. Red stripe adjacent at both jamb and head. Red stripe continues on lower portion of vault, just above springline.

VAULTS:

Springline Offset: Not recorded.

Height: 1.71 m., springline to bottom of capstone molding.

Form: Asymmetrical. Outside half has straight side, rear half shows slight curvature.

Stonework: No data.

Capstones: Capstone span about .55 m.

Crossbeams: No data.

SITE: CHACMULTUN

NUMBER: 16QD(10) 20

DATE: 3/3/1978

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Room 9

DIMENSIONS:

Length: 3.29 m.

Width: 3.05 m.

WALLS:

Height: No data.

Thickness: Dividing wall to Room 8 is .53 m. thick.

Stonework: No data.

Doorways: Doorway to Room 8 is .78 m. wide.

Rod Sockets: Three rod sockets in each jamb, two high and one below. Upper sockets .23 m. below lintel. Lower socket .17 m. above floor.

Cordholders: Finger-type cordholders both sides of doorway, high and low. Many small cordholders in various locations in walls and vaults as in other rooms.

Rings: None visible.

Wall Openings: Holes in end walls just below springline as though for crossbeams but vaults run opposite direction.

Platforms: None.

Other: Floor of this room several inches higher than adjacent Room 8. Two "feet" in both end walls, 1.01 m. above springline. One foot each in opposite walls.

VAULTS: No data recorded on vault.

OBSERVATIONS: This room also painted and there are traces of red and blue bands on remaining plaster.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Room 10

DIMENSIONS:

Length: 4.57 m.

Width: 3.06 m.

WALLS:

Height: 2.28 m., floor to springline.

Thickness: Front wall .71 m. thick.

Stonework: No data.

Doorways: Exterior doorway .95 m. wide. Head and jambs of doorway surrounded by blue band.

Rod Sockets: No data.

Cordholders: Many small cordholders, almost like rings, at springline of both front and rear walls.

Rings: See comment above.

Wall Openings: None noted.

Platforms: Low platform against back wall, .30 m. high, 2.66 m. long, 1.26 m. deep. Niche in front of platform, .84 m. wide, .57 m. deep.

Other: Faint traces of paintings on back and west end walls. See Thompson (1904) for details of paintings. Remains of row of glyphs painted in red, about .66 m. above platform, rear wall. Figures in paintings in orange, red, green and blue.

VAULTS:

Springline Offset: No data.

Height: 1.76 m., springline to bottom of capstone molding.

Form: No data.

Stonework: No data.

Capstones: No data.

Crossbeams: Three rows of crossbeams in vault. Lower row just below springline, second row about .61 m. below capstone molding. Upper row just below capstone molding.

Other: Stone "feet" in center of both end walls, .86 m. above springline. Large cordholders in vaults.

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Room 12

DIMENSIONS:

Length: 5.37 m.

Width: 2.31 m.

WALLS:

Height: No data - room partly filled with debris.

Thickness: Exterior wall .71 m. thick.

Stonework: No data.

Doorways: Exterior doorway 1.09 m. wide. Stone lintel .27 m. thick; .46 m. bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: Three finger-type cordholders both sides of doorway. Additional cordholders in various locations in end walls - no pattern.

Rings: Two rings on back wall. .35 m. below springline, 2.13 m. center to center. Three additional rings in outside wall, .12 m. below springline. One centered on door, others .76 m. to side.

Wall Openings: None noted.

Platforms: Large benches in both ends of room. Bench at south end .91 m. deep and .56 m. high. Projecting molding at top .12 m. high, projects .07 m. Bench at north end is .53 m. high, .86 m. deep. Niche in front .53 m. wide.

Other: Doorjambs of this room faced with small blocks, similar to those used in wall facings, in contrast to most other rooms which employ large slabs at jambs.

VAULTS:

Springline Offset: About .06 m.

Height: No data.

Form: Vault faces show slight curvature.

Stonework: No data.

Capstones: Capstone span about .61 m.

Crossbeams: Single crossbeams near ends of room, just below springline.
Additional crossbeams about .61 m. below capstone molding.

OBSERVATIONS: While this room, and other rooms in same row, are much narrower than Rooms 1-11, they also show "overload" of cordholders and rings as seen in the latter rooms.

INTERIOR DETAILS: Room 13

DIMENSIONS:

Length: No data.

Width: No data.

WALLS:

Doorways: Exterior doorway 1.09 m. wide. Stone lintel above.

Rod Sockets: No data.

Cordholders: Three finger-type cordholders both sides of doorway. Many other cordholders in back wall.

Rings: Ring-like cordholder centered in wall above door lintel.

Wall Openings: None noted.

Platforms: Bench in south end of room, .91 m. deep, .61 m. high.

VAULTS:

Form: Vault faces have straight sides.

Crossbeams: Three rows of crossbeams: lowest row just above springline, next row about .61 m. below capstone molding, upper row .15 m. below capstone molding.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 3, CHACMULTUN GROUP

INTERIOR DETAILS: Room 15

DIMENSIONS:

Length: 3.59 m.

Width: No data.

WALLS:

Thickness: Dividing wall to Room 14 is .76 m. thick.

Doorways: Exterior doorway .96 m. wide.

Rod Sockets: No data.

Cordholders: Three finger-type cordholders both sides of doorway.

Rings: Large ring centered in back wall just below springline. Additional rings, set horizontally, in both ends of room. Vertical rings in front wall just below springline.

Wall Openings: None in lower walls.

Platforms: None.

VAULTS: No data recorded.

OBSERVATIONS: Niche in west end wall, .46 m. above springline. Niche is .30 m. high, .25 m. wide, .30 m. deep. All surfaces plastered.

**CHACMULTUN GROUP -BUILDINGS ON LOWER LEVEL EAST OF TERRACE SUPPORT-
ING STRUCTURE 3**

The remains of four small buildings can be found just east of the large terrace supporting Structure 3. Pollock (1980:364) provided very brief descriptions of two of these buildings but did not include any architectural data. Three buildings of this group were cleared and consolidated by Antonio Benavides during the preservation program of 1981-82 and were numbered Structures 15, 16 and 17 by him. For purposes of the present report only, I am calling these Structures A, B and C since I have not seen Benavides' map giving the correct numbers.

STRUCTURE A: Building is almost completely fallen and only small portion of one end wall is still standing. This wall shows the following details:

- 1) Wall is about .66 m. thick.
- 2) 1.90 m., top of base to bottom of projecting upper wall.
- 3) Upper wall projects .19 m. beyond lower wall.
- 4) Upper wall continues upward with slight inward slope - no medial molding at bottom.
- 5) Square hole in end wall just below projecting upper wall. Hole is .11 m. wide, .12 m. high.

STRUCTURE B: Appears to be a single-room building with doorway, now fallen, on west side. Rear wall, and portions of end walls, still standing.

- 1) Rear wall 10.03 m. long.
- 2) Room about 2.13 m. long.
- 3) Blocks used in wall facings are only roughly dressed and are set in uneven courses.
- 4) Facing stones in vault have wedge shape; only roughly dressed.
- 5) .91 m., springline to bottom of capstones.
- 6) Small square holes in end walls and in rear wall, about .17 m. below springline.
- 7) Probably had plain, inward sloping upper wall zone as seen in Structures A and C.

STRUCTURE C: One room building with doorway, now fallen, on west side. Situated just south of Structure B with space 2.18 m. wide between. Details noted are given below:

- 1) Overall length: 7.65 m.
- 2) Overall width: 3.32 m.
- 3) Rear wall very irregular but this may be the result of damage rather than crude original construction.
- 4) End wall about .83 m. thick.
- 5) Details of upper wall similar to those seen in Structures A and B (plain upper wall with slight inward slope).

COMMENTS: I have classified all three buildings as Early Puuc in style. Buildings with similar profiles and stonework can be found at sites such as Balche and Acambalam, which have also been classified as Early Puuc style buildings.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

XETPOL GROUP (EAST GROUP)

This group stands on top of a very high hill on the east side of the site nucleus (see map). The top of the hill has been leveled forming a T-shaped terrace which supports two structures (Structures 7 and 20), while Structure 4, which consists of a double row of parallel rooms, forms the western edge of the upper terrace. Benavides (1985) mentions an additional vaulted masonry structure about one hundred meters north of Structure 20 which is not shown on the map. Maler (1895) made brief reference to both Structures 4 and 20 of this group (but not ~~Structure 7~~ ^{and} ~~Structure 20~~ ^{but} for some reason, Thompson (1904) failed to make any mention of either Structures 7 or 20. During 1981-1982, a large portion of Structure 20 was consolidated by the Centro Regional de Yucatan, INAH, under the direction of Antonio Benavides C., together with the stairway at the south end of Structure 4.

STRUCTURE 4, XETPOL GROUP

GENERAL DESCRIPTION: Structure 4 consists of a double row of rooms at the western edge of the large terrace supporting Structures 7 and 20. There are projecting rooms at both the north and south ends and a broad stairway at the south end leads to the upper level of the terrace behind (see plan). In its present form, Structure 4, which has a total of fifteen rooms, represents two or more construction phases as Rooms 1 and 2, and 14 and 15 are all secondary to the other rooms.

ORIENTATION: Main facade faces west.

EXTERIOR DETAILS: Details below are for west facade.

BASE MOLDING:

Form: Single member, rectangular molding.

Size: .23 m. high.

Projection: .025 m. at top.

LOWER WALL ZONE:

Height: 2.56 m., top of base to bottom of medial molding.

Stonework: Walls faced with 7 courses of squarish blocks, only moderately well finished. Set in fairly even courses.

Thickness: Front walls about .68 m. thick at jambs.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Faced with large slabs, full thickness of wall.

Lintels: Stone lintels, about .25 m. thick.

MEDIAL MOLDING

Form: Three members. Apron-type members top and bottom, rectangular central member.

Size: Overall height .96 m. Lower member .43 m. high, central member .19 m. high.

Projection: .30 m. at bottom, .22 m. at top.

Decoration: None.

UPPER WALL ZONE:

Height: 1.27 m. top of medial molding to bottom of cornice.

Stonework: Walls faced with 4 courses of veneer-type blocks, similar to those seen in lower walls.

Decoration: None.

CORNICE:

Form: 3 members. Apron-type members top and bottom, rectangular central member.

Size: Overall height .99 m. Upper member .46 m. high. Lower member .38 m. high, formed with 2 courses of stones.

Projection: About .19 m. at bottom.

Decoration: None.

ROOF STRUCTURE:

Description: Low platform.

Location: Front edge of platform is .46 m. back from west edge of terrace.

Dimensions: 4.26 m. deep, 8.20-8.50 m. long.

ARCHITECTURAL STYLE: Classic Puuc Intermediate style.

COMMENTS: In its original form, Structure 4 appears to have consisted only of Rooms 3-13 as Rooms 1 and 2 and 14 and 15 are clearly secondary additions to the other rooms. Note construction joint and change in moldings between Rooms 2 and 3 at south end and remains of exterior wall with moldings at north end of Room 13. I also found no evidence of an additional room at north end, numbered Room 15 in Thompson plan (1904, fig. 8). Thompson's "room" represented only by retaining walls on west and south sides of upper terrace.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 1

Length: 2.82 m.

Width: 2.66 m.

Doorway: Exterior doorway .81 m. wide.

INTERIOR DETAILS: Room 2. See individual data sheet.

INTERIOR DETAILS: Room 3

Length: 2.74 m.

Width: 2.78 m.

INTERIOR DETAILS: Room 4

Length: 4.38 m.

Width: 2.82 m.

Other: Details of this room similar to those seen in Rooms 6, 8 and 10.

INTERIOR DETAILS: Room 5

Length: 4.41 m.

Width: 2.71 m.

Other: Details of this room similar to those seen in Rooms 7, 9 and 11.

INTERIOR DETAILS: Room 6

Comments: No data recorded for this room, which is similar in all respects to Rooms 8 and 10. Large bench in north end of room 1.57 m. deep, about .84 m. high.

INTERIOR DETAILS: Room 7

Comments: No data recorded for this room. Details similar in all respects to those seen in Rooms 5, 9 and 11.

INTERIOR DETAILS: Rooms 8 - 13. See individual data sheets.

INTERIOR DETAILS: Room 14

Length: 2.97 m.

Width: 2.82 m.

INTERIOR DETAILS: Room 15

Length: 3.16 m.

Width: 2.82.

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 2

DIMENSIONS:

Length: 3.34 m.

Width: 2.74 m.

WALLS:

Height: About 2.81 m., floor to springline.

Thickness: Exterior wall about .66 m. thick.

Stonework: No data.

Doorways: Exterior doorway .84 m. wide. Doorway to Room 3 is .86 m. wide.

Rod Sockets: No data.

Cordholders: Finger-type cordholders high and low, both sides of exterior doorway.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Traces of paintings in black line adjacent to doorway to Room 3. Molding at bottom of wall to rear room about .78 m. high, .07 m. projection. Steps up to Room 3 about 1.14 wide.

VAULTS:

Springline Offset: About .07 m.

Height: 1.92 m., springline to bottom of molding below capstones.

Form: Vault faces have moderate curvature.

Stonework: Vault faced with 5 courses of wedge-shaped stones. Springline course about .22 m. high.

Capstones: Capstone span .56 m. Molding below capstones .10 m. high.

Crossbeams: No data.

OBSERVATIONS: Construction joint in south wall, where west face of east wall continues on behind south wall. On the exterior, medial molding also changes height (see details). Construction joint indicates that Room 2 is secondary to Room 3.

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 8

DIMENSIONS:

Length: 4.10 m.

Width: 2.81 m.

WALLS:

Height: 2.79 m., floor to springline.

Thickness: Exterior wall .67 m. thick at doorjamb.

Stonework: Walls faced with small to medium-sized veneer-type blocks, only moderately well-dressed.

Doorways: Exterior doorway 1.04 m. wide. Stone lintel, about .23 m. thick.

Rod Sockets: None.

Cordholders: Small.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Stairway, about 1.14 m. wide, leads to rear room. Line of raised floor to rear forms projecting molding along rear wall, .86 m. high, .06 m. projection.

VAULTS:

Springline Offrset: .12 m.

Height: 1.95 m., springline to bottom of molding below capstones.

Form: Vault faces show moderate curvature.

Stonework: Vault faced with wedge-shaped stones with squarish faces.

Capstones: Capstone span about .40 m. Molding below capstones .11 m. high.

Crossbeams: Single crossbeams near both ends of room, .23 m. to center above springline. Additional crossbeams immediately below capstone molding.

OBSERVATIONS: Traces of line drawings in black around doorway to rear room. Red and green stripes next to doorjambs and at head. See Thompson (1904:plate IX) for reproduction of drawings and painted bands.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP)

INTERIOR DETAILS: Room 9 (rear room)

DIMENSIONS:

Length: About 3.80 m.

Width: 2.74 m. (approx.)

WALLS:

Height: 2.25 m., floor to springline.

Thickness: Dividing wall to front room (Room 8) .66 m. thick.

Stonework: Walls faced with moderately well-cut veneer-type blocks.

Doorways: Doorway to Room 8, .86 m. wide. .52 m. bottom of lintel to springline.

Rod Sockets: Three rod sockets in each jamb - 1 high, 2 below.

Cordholders: None.

Rings: None.

Wall Openings: None noted.

Platforms: None.

Other: Floor of this room raised about .86 m. above floor of outer room (Room 8).

VAULTS:

Springline Offset: .10 m.

Height: 1.62 m. (approx.) springline to bottom of molding below capstones.

Form: Vault faces show moderate curvature.

Stonework: Vault faced with 6 courses of large, wedge-shaped stones.

Capstones: Capstone span about .38 m.

Crossbeams: No data.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 10 (outer room)

DIMENSIONS:

Length: 3.45 m.

Width: 2.74 m. (approx.)

WALLS:

Height: 2.74 m. (approx.), floor to springline.

Thickness: Exterior wall .66 m. thick at doorjamb.

Stonework: Same as in other rooms.

Doorways: Exterior doorway .84 m. wide.

Rod Sockets: None.

Cordholders: Finger-type cordholders high and low both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: None.

Other: Stairway with four risers to rear room (Room 11) about 1.22 m. wide and .86 m. high. Projects into room about .78 m.

VAULTS:

Springline Offset: About .12 m.

Height: 1.95 m. (approx.) springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Other: Details similar to those in Rooms 4, 6 and 8.

SITE: CHACMULTUN

NUMBER: 16Qd(10):20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 11 (rear room)

DIMENSIONS:

Length: 4.55 m.

Width: 2.74 m.

WALLS:

Height: 2.23 m., floor to springline.

Thickness: Dividing wall to Room 10 is .66 m. thick.

Doorways: Doorway to Room 10 is .86 m. wide; stone lintel above. .47 m. bottom of lintel to springline.

Rod Sockets: None.

Cordholders: None.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Floor of this room raised about .86 m. above floor of outer room (Room 10).

VAULTS:

Springline Offset: About .08 m.

Height: 1.62 m., springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Capstones: Capstone span about .38 m. Molding below capstones about .11 m. high.

Crossbeams: No data.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 12

DIMENSIONS:

Length: 3.10 m.

Width: 2.75 m.

WALLS:

Height: 2.73 m., floor to springline.

Thickness: Exterior wall .66 m. thick at doorjamb.

Doorways: Exterior doorway .85 m. wide.

Rod Sockets: Rod sockets in both doorjambes - one high, two below.

Cordholders: Finger-type cordholders both sides of doorway, high and low.
Small cordholder in south end wall above bench.

Rings: None.

Wall Openings: None noted.

Platforms: Large bench along back wall, .78 m. deep, .66 m. high. Two niches in front, about .46 m. wide. .27 m. top of niche to top of bench. Bench top finished with very thick layer of plaster.

Other: Traces of paintings in black line on rear wall. These are poorly preserved; difficult to make out design.

VAULTS:

Springline Offset: About .07 m.

Height: No data.

Form: Vault faces have straight sides.

Capstones: Capstone span .46-.50 m.

Crossbeams: Crossbeams near ends of room. Lower beams about .33 m. above springline, upper beams just below capstone molding.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/3/1978

STRUCTURE 4, XETPOL GROUP

INTERIOR DETAILS: Room 13

DIMENSIONS:

Length: 3.39 m.

Width: 2.68 m.

WALLS:

Height: No data.

Thickness: Dividing wall to Room 12 .68 m. thick.

Doorways: Doorway to Room 12, .82 m. wide. Stone lintel above, .46 m. bottom of lintel to springline.

Rod Sockets: None.

Cordholders: Finger-type cordholders both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: Large bench at north end of room. Bench is 1.41 m. deep, .61 m. high. Two niches in front, .46 m. wide, .71 m. deep. .17 m. top of niche to top of bench.

VAULTS:

Springline Offset: About .09 m.

Height: 1.67 m. springline to bottom of molding below capstones.

Form: Vault faces essentially straight.

Stonework: No data.

Capstones: No data.

Crossbeams: No data.

SITE: CHACMULTUN **NUMBER:** 16Qd(10):20 **DATE:** 3/3/78 & 5/13/81

STRUCTURE 7, XETPOL (EAST) GROUP

GENERAL DESCRIPTION: Very small building with two rooms in line. Single doorways in both rooms open to south. Building proper stands on a low platform about 2.44 m. wide and .46 m. high. Large terrace in front of this platform which extends an additional 12.0 m. to the south.

ORIENTATION: About 197 degrees, magnetic, perpendicular to front wall.

EXTERIOR DETAILS: Details below are for south facade.

BASE MOLDING:

Form: Single member, rectangular molding.

Size: Uncertain - lower portion covered with debris.

Projection: About .025 m. at top.

LOWER WALL ZONE:

Height: 1.89 m., top of base to bottom of medial molding.

Stonework: Wall faced with 7 courses of small, roughly dressed blocks set in uneven courses.

Thickness: Front wall of Room 1 is .48 m. thick at doorjamb.

Decoration: None. Wall is plain.

DOORWAYS:

Shape: Rectangular.

Jambs: Jambs faced with medium sized slabs, full thickness of wall.

Lintels: Stone lintels, about .19 m. thick.

MEDIAL MOLDING:

Form: Single member, rectangular molding.

Size: .19 m. high.

Projection: Projects .14 m. at bottom, but only .09 m. at top.

Decoration: None.

UPPER WALL ZONE:

Height: About 1.62 m., top of medial molding to top of roof.

Stonework: Wall faced with 6 courses of small blocks, somewhat better dressed than those in lower walls.

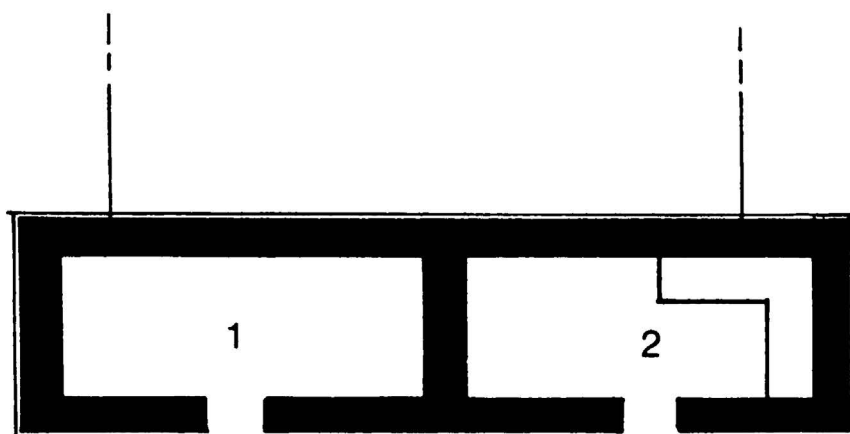
Decoration: None. Walls are plain.

CORNICE: None.

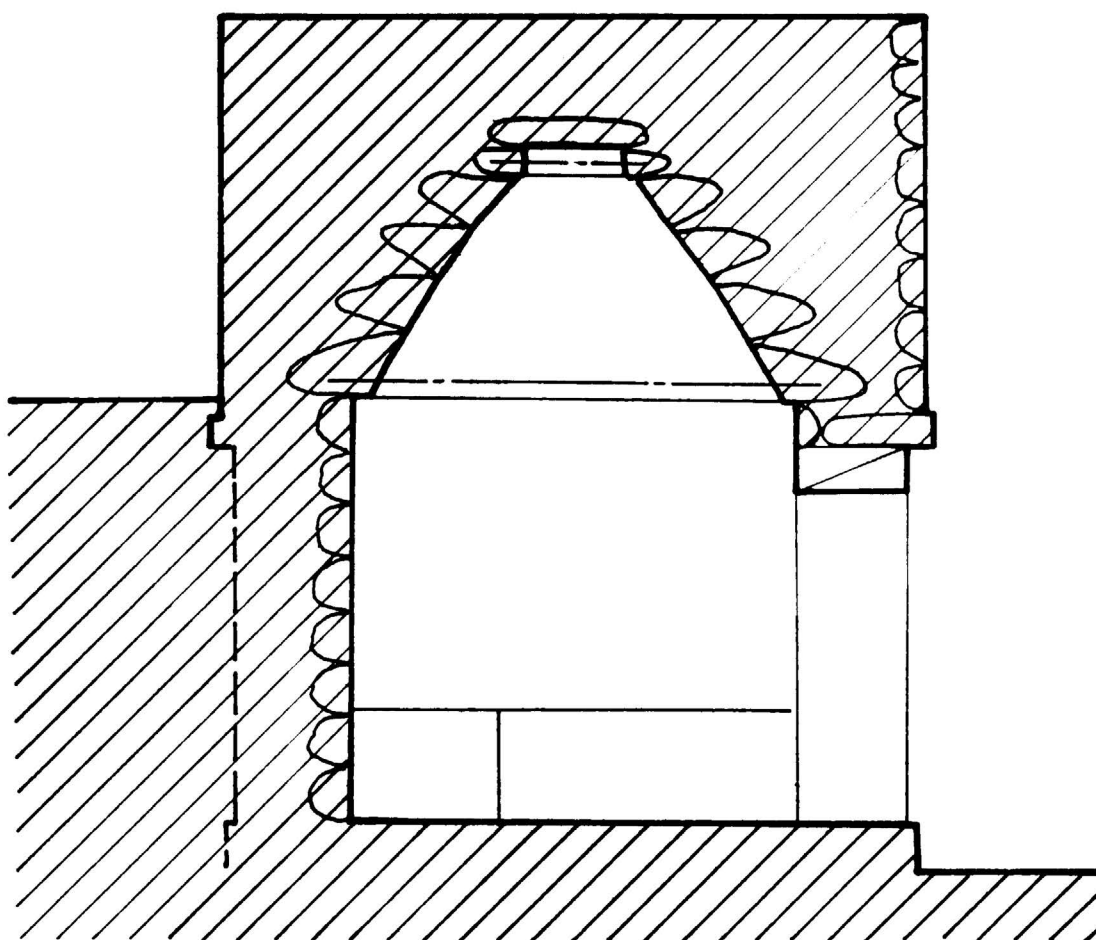
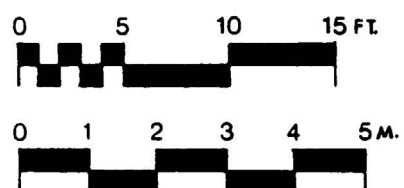
ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Early Puuc style. All architectural, construction, and decorative features of this building are typical for Early Puuc style.

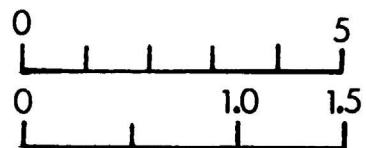
COMMENTS: Large amount of debris behind this building piled up almost to roof line. Hard to explain this material unless it represents part of solid core for additional rooms which were never built.



PLAN - Structure 7



SECTION - Room 2



Chacmultun, Yucatan
Site 16Qd(10): 20
Structure 7
G.F. Andrews, 1983

SITE: CHACMULTUN **NUMBER:** 16Qd(10): 20

DATE: 3/3/78 & 5/13/81

STRUCTURE 7 (Group 3)

INTERIOR DETAILS: Room 1

DIMENSIONS:

Length: 5.32 m.

Width: 2.0 m. at doorjamb.

WALLS:

Height: 2.07 m., floor to springline.

Thickness: Front wall .47 m. thick at doorjamb.

Stonework: Walls faced with 8 courses of roughly dressed blocks, deeply tailed into hearting. Wall surfaces very uneven.

Rod Sockets: Rod sockets in both jambs, one high, two below.

Cordholders No data.

Rings: None.

Wall Openings: Small hole in front wall, .86 m. to center from right doorjamb, just below medial molding. Hole about .12 m. square.

Platforms: None.

VAULTS:

Springline Offset: .07-.10 m.

Height: 1.11 m., springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 4 courses of roughly dressed slabs.

Capstones: Capstone span about .46 m.

Crossbeams: No data. Assume same as in Room 2.

SITE: CHACMULTUN **NUMBER:** 16Qd(10): 20

DATE: 5/13/1981

STRUCTURE 7 (Group 3)

INTERIOR DETAILS: Room 2

DIMENSIONS:

Length: 5.24 m.

Width: 2.11 m. wide.

WALLS:

Height: 2.02 m. (approx.), floor to springline.

Thickness: Front wall .53 m. thick at doorjamb.

Stonework: Walls finished with 8 courses of roughly dressed, squarish blocks.

Doorways: Doorway about .86 m. wide. .40 m., bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: Large finger-type cordholders high and low both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: L-shaped bench in east end of room. Bench is .66 m. deep, .53 m. high and 2.31 m. long at back wall.

Other: Traces of paintings in black on dividing wall to Room 1 and on rear wall.

VAULTS:

Springline Offset: .07 m.

Height: 1.24 m., springline to bottom of capstones.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 5 courses of roughly dressed slabs. Very narrow courses top and bottom of vault. Springline course .81-.91 m. deep.

Capstones: Capstone span about .46 m. Molding below capstone .15 m. high.

Crossbeams: Single crossbeams near ends of room and near center at springline. Additional crossbeams at third points of room in capstone molding.

Other: Faces of vault uneven due to poor quality of stonework.

OBSERVATIONS: Small area of original plaster floor still in place shows traces of yellow color.

STRUCTURE 20, XETPOL GROUP (East Group)

GENERAL DESCRIPTION: This building, which Pollock (1980) called the 2nd story of Structure 4, is actually an independent structure with rooms on two levels which is situated about 37.7 m. back from the edge of the terrace with Structure 4 below. The main portion of the two-story building is roughly square but there are two wings, one extending south from the southwest corner of the main building and another extending westward from the same corner (see plan). There are two stairways leading to a platform on the upper level which supports a group of six rooms whose main axis runs north-south. One of these stairways is on the west side while the other is on the north side, near the northeast corner. The upper level rooms are now almost completely fallen but Maler (1895) said that he was informed by local inhabitants that the upper level structure once supported a high, slotted roofcomb, of which nothing presently remains.

ORIENTATION: 287.5 degrees (magnetic) perpendicular to west facade.

EXTERIOR DETAILS: Details below are for facade at northeast corner only, although I assume facades on other sides were similar.

BASE MOLDING:

Form: Single member, rectangular molding.

Size: About .32-.35 m. high.

Projection: .025 m. at top.

LOWER WALL ZONE:

Height: 2.11 m. top of base to bottom of projecting upper wall.

Stonework: Walls faced with 7-8 courses of small, squarish blocks, set in relatively even courses.

Thickness: Varies. See plan.

Decoration: None. Wall is plain.

DOORWAYS:

Shape: Doorways have slight inward slope from bottom to top.

Jambs: Jambs faced with medium-sized slabs, full thickness of walls.

Lintels: Stone lintels, about .20-.23 m. thick.

MEDIAL MOLDING: No real medial molding. Upper wall projects out beyond lower wall about .15 m. and then slopes upward in a single plane to bottom of cornice.

UPPER WALL ZONE:

Height: 1.29 m., bottom of projecting wall to bottom of cornice.

Stonework: Wall faced with 5 courses of small blocks, fairly well-finished.

Decoration: None. Walls, where still in place, are plain.

CORNICE:

Form: Uncertain - only lowest member still in place. I believe there was a narrow rectangular member above, however, a detail which can be seen in several other Early Puuc style buildings with sloping upper walls.

Size: Lower member about .46 m. high.

Projection: .07 m. at bottom.

Decoration: None.

ROOF STRUCTURE:

Description: Large platform about 1.46 m. high overall, which supported six-room building, stands on roof of rooms on lower level.

Location: Over solid core behind rooms on lower level but platform extends out beyond core to cover nearly half of rooms below (see section).

Dimensions: Platform measures about 13.38 m. north-south and 8.97 m. east-west.

Decoration: Three member molding along upper edge of platform (see detail).

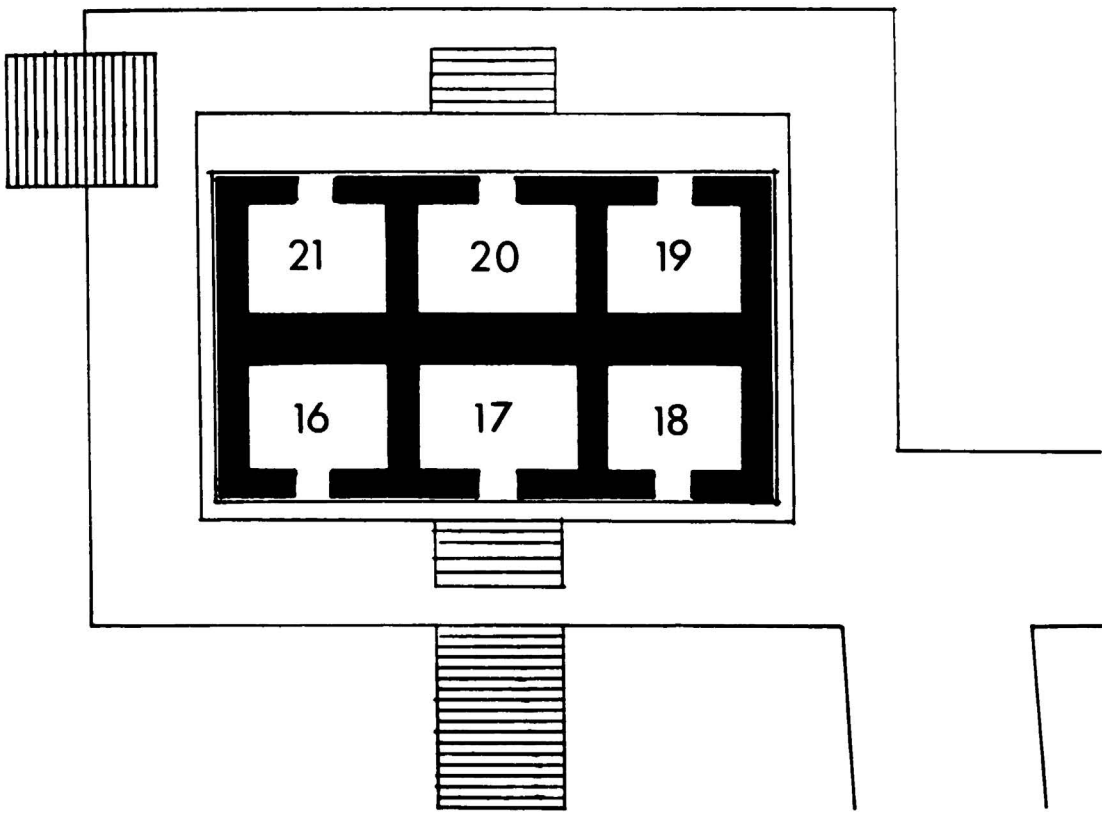
Other: See separate sheet for data on upper level rooms.

STAIRWAYS: Stairway to top of upper level platform, west side, is 2.89 m. wide; projects out 3.97 m. from west wall. Stairway on north side is 2.93 m. wide; projects out 1.95 m.

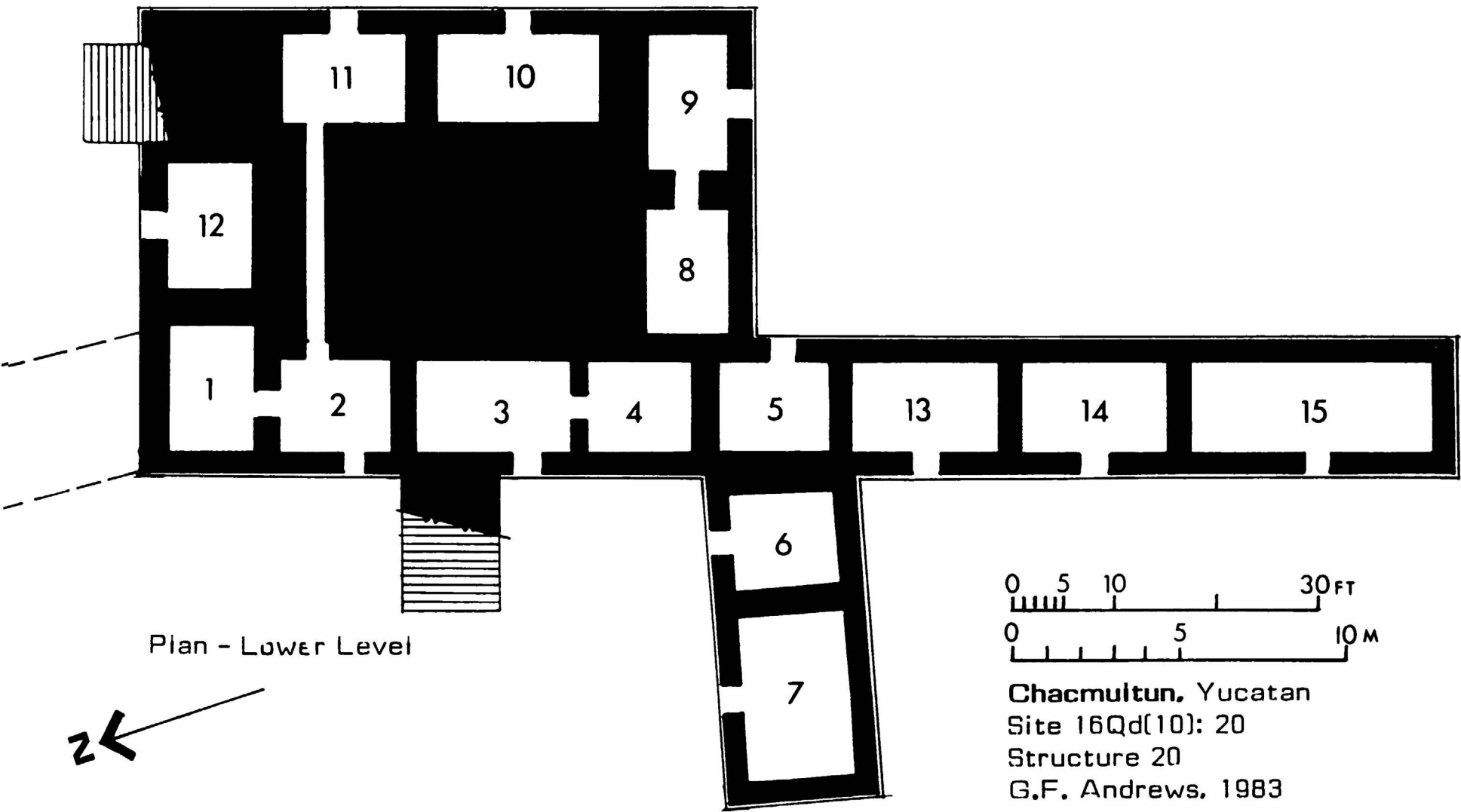
ARCHITECTURAL STYLE: Early Puuc style. This classification based mostly on architectural and construction features which are characteristic of this style.

Lack of decorative features on both lower and upper wall zones also typical for Early Puuc style buildings.

COMMENTS: Structure 20 appears to represent several construction phases but the number and chronology of these phases is not very clear. It seems certain that Room 9 and Rooms 6 and 7 on the lower level are secondary to the main rooms, and the upper level rooms must also represent a secondary addition, but it is not clear if the south wing (Rooms 13, 14 and 15) is part of the original structure or was added later.

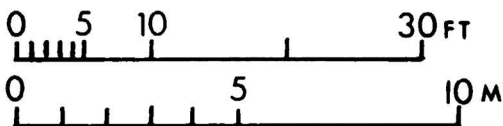


Plan - Upper Level



Plan - Lower Level

2 ←



Chacmultun, Yucatan
 Site 16Qd(10): 20
 Structure 20
 G.F. Andrews, 1983

STRUCTURE 20, XETPOL GROUP

INTERIOR DETAILS, GENERAL: Rooms on west side, and west wing, of this building at lower level show some unusual details. Lower walls up to last course of facing stones below vault springline are faced with very roughly dressed blocks, creamish to dark gray in color. These blocks vary in size and are not set in even courses. In contrast, the last course of wall stones below springline and all stones used in vaults are better cut and are salmon-colored, like stones on Structure 1 of Chacmultun Group. The vaults on the east side of Structure 20 are considerably different than those on west side, however, since they are faced with eleven courses of very thin, roughly dressed slabs, compared to the six courses of wedge-shaped stones seen in west rooms. The thin slabs in the vaults of the east rooms have flat ends, making a kind of corbelled vault.

It is also clear that the cross walls between the rooms on the west side were added after the lower walls and vaults had been completed for the entire unit. Where portions of outer walls have separated from cross walls, it can be seen that the wall and vault facing stones are continuous behind the cross walls. This detail is typical for most Puuc buildings of any style.

INTERIOR DETAILS: ROOM 1

Length: 3.86 m.

Width: About 2.82 m.

INTERIOR DETAILS: Room 2 - No data - fallen.

INTERIOR DETAILS: Room 3 - See separate data sheet.

INTERIOR DETAILS: Room 4

Length: 4.65 m.

Width: 2.82 m.

Walls: Dividing wall to Room 5 - .46 m. thick.

Doorways: Exterior doorway .94 m. wide. Doorway to Room 5 is .85 m. wide.

INTERIOR DETAILS: Room 5

Length: 3.80 m.

Width: 2.82 m.

INTERIOR DETAILS: Room 6 - See separate data sheet.

INTERIOR DETAILS: Room 7 - No data - fallen.

INTERIOR DETAILS: Room 8 - See separate data sheet.

INTERIOR DETAILS: Room 9

Length: 4.94 m.

Width: 2.74 m. (approx.)

INTERIOR DETAILS: Room 10

Length: No data.

Width: About 2.49 m.

INTERIOR DETAILS: Room 11

Length: 3.80 m.

Width: 2.55 m.

INTERIOR DETAILS: Room 12

Length: 3.34 m.

Width: 2.74 m.

INTERIOR DETAILS: Rooms 13 - 15

No data - fallen.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/12/1983

STRUCTURE 20, XETPOL GROUP

INTERIOR DETAILS: Room 3

DIMENSIONS:

Length: 3.35 m.

Width: 2.88 m.

WALLS:

Height: About 2.28 m.

Stonework: Walls faced with 8-9 courses of small blocks, only roughly dressed.

Doorways: Doorway to Room 2 - .81 m. wide. Exterior doorway about .68 m. wide at top.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: Opening in rear wall leading to vaulted tunnel leading to Room 8. Tunnel is .71 m. wide.

Platforms: None.

VAULTS:

Springline Offset: About .05 m.

Height: No data.

Form: Vault faces show moderate curvature.

Stonework: Vault faced with 6 courses of wedge-shaped stones, only moderately well-dressed.

Capstones: Capstone span about .38 m. Molding below capstones about .12 m. high.

Crossbeams: No data.

OBSERVATIONS: Vaulted tunnel running from back wall of this room through solid core to room on opposite side is unique, as I know of no other Puuc buildings anywhere with this detail. See general comments on interior for discussion of stonework.

SITE: CHACMULTUN

NUMBER: 16Qd(10):20

DATE: 3/12/1983

STRUCTURE 20, XETPOL GROUP

INTERIOR DETAILS: Room 6

DIMENSIONS:

Length: 3.16 m. at front wall, 2.73 m. at rear wall.

Width: 3.23 m.

WALLS:

Height: 2.26 m.

Thickness: Exterior wall, .48 m. thick at doorjambs. Dividing wall to Room 7 is .76 m. thick.

Stonework: Walls faced with 7-8 courses of very roughly dressed blocks, set in uneven courses.

Doorways: Exterior doorway .75 m. wide at bottom, .66 m. at top. Stone lintel above, about .21 m. thick.

Rod Sockets: Three rod sockets in each jamb, one high, two below.

Cordholders: Finger-type cordholders, both sides of doorway, even with bottom of doorway lintel. .33 m. to center from doorjambs.

Rings: None.

Wall Openings: Two holes in rear wall near cornice, .56 m. below springline. Holes .15 m. wide, .20 m. high.

Platforms: None.

Other: Traces of paint in red, black and blue on east wall just below springline. Faint traces of paint on rear wall, just below vault springline.

VAULTS:

Springline Offset: Varies - .05-.075 m.

Height: 1.55 m., springline to bottom of capstone molding.

Form: Vault shows moderate curvature near bottom.

Stonework: Vault faced with 7 courses of wedge-shaped stones, only moderately well-finished.

Capstones: Capstone span about .56 m. Molding below capstone about .10 m. high.

Crossbeams: Single crossbeams near both ends of room; .20 m. to center above springline.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/12/1983

STRUCTURE 20, XETPOL GROUP

INTERIOR DETAILS: Room 8

DIMENSIONS:

Length: 3.65 m.

Width: 2.74 m.

WALLS:

Height: 2.33 m., floor to springline.

Thickness: Dividing wall to Room 9 is .86 m. thick.

Stonework: Walls faced with small, roughly dressed blocks.

Doorways: Exterior doorway fallen - no data.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: Opening to low, vaulted tunnel in rear wall .61 m. wide, .40 m. springline of tunnel to bottom of capstones. Tunnel runs to rear wall of Room 3 on opposite side.

Platforms: None.

VAULTS:

Springline Offset: No data.

Height: 1.76 m., springline to bottom of molding below capstones.

Form: Vault faces show moderate curvature.

Stonework: Vault faced with eleven courses of roughly dressed slabs. Ends are flat making a crude corbeled vault.

Capstones: L Fallen - no data.

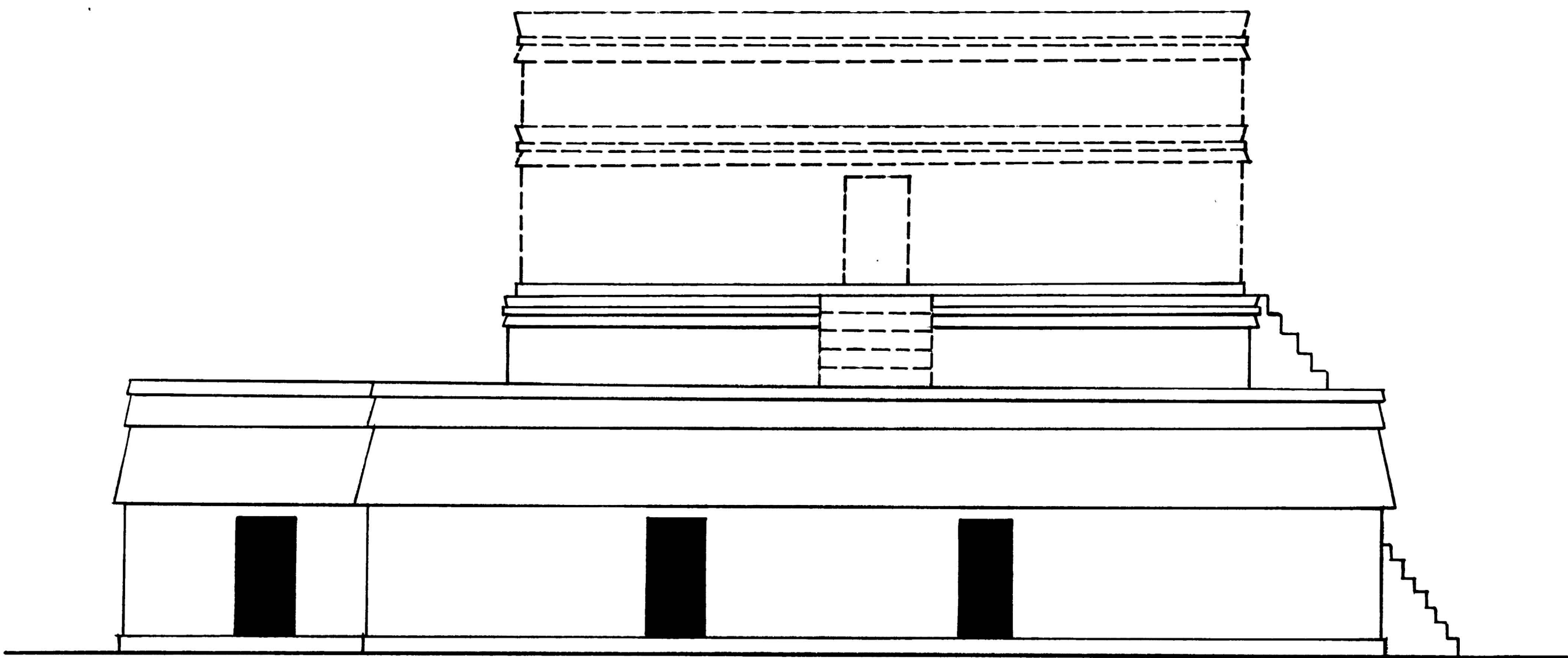
Crossbeams: No data.

OBSERVATIONS: Vault construction completely different from more typical Puuc construction seen in most other rooms of this building.

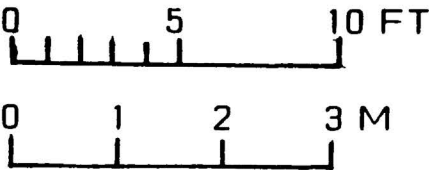
STRUCTURE 20, ZETPOL GROUP

NOTES ON PLATFORM AND ROOMS ON UPPER LEVEL

Platform on upper level, about 13.38 m. long and 8.97 m. wide, which served as support for 6-room building, now mostly destroyed. Overall height of platform 1.46 m. Three member molding at top, about .59 m. high, with plain, outward sloping wall below (see details). Stairway from top of roof of rooms on west side to top of platform about 2.84 m. wide; stairway has 6 risers. Assume similar stairway on east side, though this is now fallen. Face of building base on west side set back .48 m. from upper edge of platform molding. Central dividing wall between two parallel rows of rooms is 1.06 m. thick. No data on rooms, which are completely fallen. Maler (1902) indicated that native informants told him that building on upper level originally carried slotted roofcomb, which would account for extra thickness of central dividing wall.



East Elevation (restored)



Chacmultun, Yucatan
Site 16Qd(10): 20
Structure 20
G.F. Andrews, 1983

CABALPAK GROUP (SOUTH GROUP)

This group stands on the lower slopes of a good sized hill near the southern edge of the site nucleus (see map). Group was first explored in some detail by E.H. Thompson, who made a sketch plan showing an acropolis-like aggregation with long rows of rooms facing north on several levels, capped off by a small building with two rooms on the uppermost level (Thompson, 1904, figs. 10 and 11). Broad stairways near the center of each row of rooms give access to the rooms and terraces on the upper levels. The rooms on the upper levels are now almost totally destroyed and only the rooms on the lowest level, now known as Structure 5, are sufficiently well preserved to offer any significant architectural data. As part of the 1981-82 conservation project, twelve vaulted rooms were cleared and consolidated in Structures 5, 8 and 9, and the stairway of Structure 5, together with numerous walls, were also consolidated.

STRUCTURE 5

GENERAL DESCRIPTION: Structure 5 consists of a U-shaped group of twelve rooms which form the outer edge of the lowest terrace of the Cabalpak Group (see plan). The eight rooms on the north side are divided into two sets by a broad stairway which gives access to the terrace behind these rooms. The rooms on the north side were cleared and consolidated during the preservation project of 1981-82.

ORIENTATION: Main facade faces north - 11.5 degrees (magnetic) perpendicular to main facade.

EXTERIOR DETAILS: Data below is for North Facade of rooms on lowest level.

BASE MOLDING:

Form: Single member, rectangular molding.

Size: About .20 m. high.

Projection: .025 m. at top.

LOWER WALL ZONE:

Height: 2.15 m. top of base to bottom of medial molding.

Stonework: Wall faced with well-cut veneer-type blocks, most of which have been stripped off.

Thickness: Exterior wall is .63 m. thick.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Jambs faced with small stones, similar to those used in wall facings.

Lintels: Stone lintels, now fallen.

MEDIAL MOLDING:

Form: Five members. Apron-type members top and bottom with rectangular members above and below. Central member filled with colonnettes.

Size: Overall height .86 m. Height of individual member from top to bottom - .23 m., .11 m., .20 m., .11 m., .20 m.

Projection: .24 m. at bottom.

Decoration: Continuous row of short colonnettes in central member.

UPPER WALL ZONE:

Height: .80 m., top of medial molding to bottom of cornice.

Stonework: Upper wall filled with well-cut colonnettes and spools.

Decoration: Wall filled with continuous row of colonnettes with spools top and bottom.

CORNICE:

Form: Five members. Apron-type members at top and bottom with rectangular members below or above. Central member filled with continuous row of short colonnettes.

Size: Total height - .86 m. Lower four members .63 m. high total.

Projection: About .15 m. at bottom.

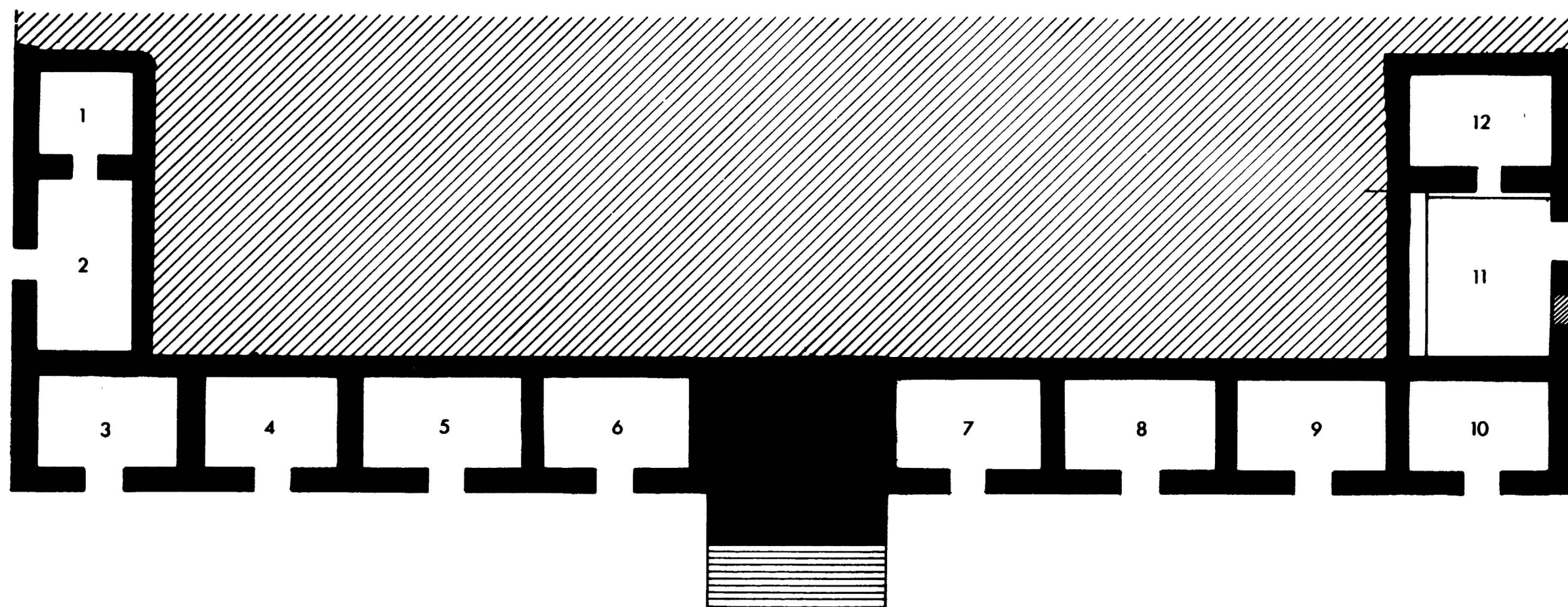
Decoration: Short colonnettes in central member, about .17 m. in diameter. Other members are plain.

ROOF STRUCTURE: No real roof structure. First row of rooms on upper level is

set back 23 m. from north face of rooms on lowest level.

ARCHITECTURAL STYLE: Classic Puuc Colonnade style. Stonework and construction technology seen in Structure 5 is in the best classic Puuc tradition. All facing stones in walls and vaults are carefully cut-and-dressed.

COMMENTS: Chultun in terrace behind Room 5. This chultun has been repaired and now furnishes water on a year-round basis.



0 5 10 15 FT
0 1 2 3 4 5 M

Chacmultun, Yucatan
Site 16Qd(10): 20
Structure 5
G.F. Andrews, 1983

SITE: CHACMULTUN

NUMBER:16Qd(10): 20

DATE: 5/20/1981

STRUCTURE 5 (Cabalpak Group)

INTERIOR DETAILS: Room 1

Length: 2.38 m.

Width: Uncertain, exterior wall collapsed.

Walls: Dividing wall to Room 2 is .61 m. thick.

INTERIOR DETAILS: Room 2

Length: 4.94 m.

Width: No data.

Doorways: Doorway in south end wall to Room 1. Exterior doorway fallen - no data.

Vault: Vault over rear wall shows straight sides.

INTERIOR DETAILS: Room 3

Length: No data.

Width: 2.67 m.

INTERIOR DETAILS: Room 4

Length: 4.13 m.

Width: 2.67 m.

Walls: 2.30 m., floor to vault springline.

Vault: 1.90 m., springline to bottom of capstone molding.

INTERIOR DETAILS: Room 5

Doorways: Exterior doorway 1.09 m. wide.

INTERIOR DETAILS: Room 6 - See separate data sheet.

INTERIOR DETAILS: Room 7 - See separate data sheet.

INTERIOR DETAILS: Room 8 - No data recorded. All details similar to those seen in Rooms 6 and 7.

INTERIOR DETAILS: Room 9 - No data recorded. All details similar to those seen in Rooms 6 and 7.

INTERIOR DETAILS: Room 10 - No data - front and west end walls fallen.

INTERIOR DETAILS: Room 11 - See separate data sheet.

INTERIOR DETAILS: Room 12

Length: 2.56 m.

Width: No data.

SITE: CHACMULTUN

NUMBER: 16Qd(10):20

DATE: 3/3/1978

STRUCTURE 5 (Cabalpak Group)

INTERIOR DETAILS: Room 6

DIMENSIONS:

Length: 4.33 m.

Width: 2.64 m.

WALLS:

Height: 2.27 m., floor to springline.

Thickness: Exterior wall .63 m. thick.

Stonework: Walls faced with well-cut, veneer-type blocks.

Doorways: No data - fallen.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Doorway, including doorjambs and lintel fallen. Most of facing stones in exterior wall also fallen or removed by looters.

VAULTS:

Springline Offset: No data.

Height: 1.90 m., springline to bottom of molding below capstones.

Form: Vault faces have straight sides.

Stonework: Vault faced with 7 courses of well-cut, boot-shaped stones.

Capstones: Capstone span about .50 m.

Crossbeams: Single crossbeams near both ends of room, just below springline. Additional crossbeams .46 m. below capstone molding and just below capstone molding.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 3/12/1983

STRUCTURE 5 (Cabalpak Group)

INTERIOR DETAILS: Room 7 (lowest level)

DIMENSIONS:

Length: About 4.26 m.

Width: 2.64 m.

WALLS:

Height: 2.27 m. floor to springline.

Thickness: Exterior wall about .63 m. thick at doorjambs.

Stonework: Walls faced with 8 courses of well-cut, veneer-type blocks.

Doorways: Doorjambs faced with small blocks similar to those used in wall facings.

Rod Sockets: No data. Jambs reconstructed.

Cordholders: Small finger-type cordholders high and low both sides of doorway.

Rings: None noted.

Wall Openings: None.

Platforms: None.

VAULTS:

Springline Offset: No data.

Height: 1.88 m., springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: Vault faced with 5 courses of boot-shaped stones with squarish faces.

Capstones: No data.

Crossbeams: Single crossbeams near both ends of room, .15 m. to center below springline. Additional crossbeams near ends of room and in center, just below capstone molding; others about .46-.50 m. below.

SITE: CHACMULTUN

NUMBER: 16Qd(10): 20

DATE: 5/26/1981

STRUCTURE 5 (Cabalpak Group)

INTERIOR DETAILS: Room 11

DIMENSIONS:

Length: 4.71 m.

Width: 4.11 m.

WALLS:

Height: No data.

Thickness: Dividing wall to Room 12 is .67 m. thick.

Stonework: No data.

Doorways: Doorway to Room 12 is .68 m. wide.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: Doorway in west end wall filled in.

Platforms: Platform along rear wall is .67 m. wide, .30 m. high.

Other: Step up to rear room (Room 12) is .21 m. wide, full width of room.

Construction joint at intersection of east and south walls (see plan).

VAULTS:

Form: Vault faces show very slight curvature.

OBSERVATIONS: This room, with width of 4.11 m., is about the widest room I have ever seen in a classic Puuc building in any part of the Puuc region. Several rooms in Structure 1 of Chacmultun Group also very wide.

Melini

SITE: CHELIMI

NUMBER: 16 Qd (10): 163

DATE: 3/1/1984

BACKGROUND: Pollock (1980) described five groups of structures at this site: Group of the Building with Paintings, Group of Building with the Stepped Vault, Group of the Building with Columnar Doorway, Hilltop Group, and the East Group. I visited the site in March of 1984 and my notes deal only with the Group of the Building with Paintings and the Group of the Building with Columnar Doorway. At the time of our visit the site was very overgrown and we were unable to locate the other three groups described by Pollock.

SITUATION: The site is situated about 5 kilometers north, and slightly west of the village of Cumpich.

TOPOGRAPHY: Both of the groups we examined are located on top of low hills. Pollock says that the East Group and Stepped Vault building are located on level ground, with the Hilltop Group on a higher elevation nearby.

WATER SUPPLY: No natural water supply noted but there are several chultuns in the terraces in front of major buildings.

MAPS: None.

SIZE: Unknown, due to lack of map. The individual groups are scattered over an area of about 0.5 x 0.5 kilometers on a side. The areas between groups, and peripheral areas, not explored by Pollock or us.

CIVIC PLAN: Unknown. Site appears to be similar to many others where orderly groups of structures (generally arranged around courtyards) are dispersed over a considerable area. I suspect there are many low platforms in the areas between the courtyard groups but these are not visible without extensive clearing.

SITE: CHELIMI

NUMBER: 16 Qd (10): 163

DATE: 3/1/1984

STRUCTURE 1 Building with Paintings (Group of Building with Paintings)

GENERAL DESCRIPTION: Small, U-shaped building with three rooms. Rooms 1 and 2 well preserved but Room 3 now fallen. Vaults of Room 1 covered with remnants of mural paintings. Bearing perpendicular to doorway of Room 2, 125 degrees (magnetic).

EXTERIOR DETAILS:

BASE MOLDING:

Form: Single member, rectangular molding.

Size: .22 m. high.

Projection: .04-.05 m. beyond wall above.

LOWER WALLS:

Height: 2.13 m.; top of base to bottom of medial molding.

Stonework: Walls faced with small to medium sized blocks which vary considerably in size. Set in uneven courses.

Thickness: Front wall of Room 2 is .73 m. thick at doorjamb. Front wall of Room 1 only .60 m. thick.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Formed with medium sized corner stones, two courses deep.

Lintel: Stone lintels .19 m. thick.

MEDIAL MOLDING:

Form: Rectangular, with two or three members (not clear). Lowest member formed with two courses of stones.

Size: Lowest member .35 m. high. Projecting member above .14 m. high.

Projection: .20 m. at bottom. Upper member projects 0.75 m. beyond lower member.

UPPER WALL:

Height: Unknown; upper portion now fallen.

Decoration: Unknown; outer facing fallen.

Stonework: Wall now exposed, which is face of construction joint behind finished wall, faced with undressed blocks.

Other: Assume upper wall finished with small blocks similar to those seen in wall below.

CORNICE:

Form: Unknown; now fallen.

ROOF STRUCTURE:

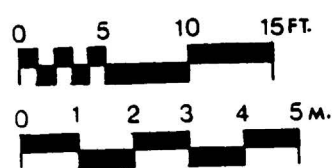
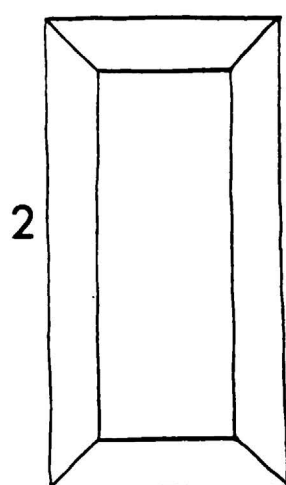
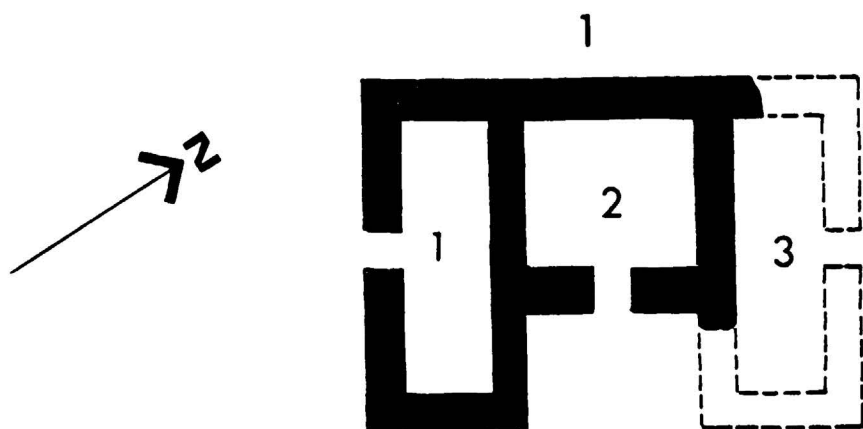
Location: Over front wall of Room 2.

Description: Single wall variety. Faced with small, roughly dressed blocks. No data on openings.

Dimensions: .77 m. thick at base.

ARCHITECTURAL STYLE: Proto-Puuc style.

COMMENTS: Pollock (1980) classified Structure 1 as Early Puuc in style. I believe this is incorrect since the basic architectural, decorative, and construction features are typical for Proto-Puuc style (Andrews, 1982).



Chelimi, Campeche
 Site 16 Qd (10): 163
 Building with Paintings
 G.F. Andrews, 3/1/84

STRUCTURE 1 - Building with Paintings

INTERIOR DETAILS: - Room 1

DIMENSIONS:

Length: 4.93 m.

Width: 1.6 m. at doorway.

WALLS:

Height: 2.30 m.; floor to springline.

Thickness: Front wall .60 m. thick at doorjamb.

Stonework: Walls faced with 9-10 courses of semi-veneer blocks, irregular in size. Poorly cut-and-dressed.

Doorway: .68 m. wide. Jambs made of small stones, 2 courses deep. Stone lintel; .36 m. bottom of lintel to springline.

Rod Sockets: None.

Cordholders: Large, tongue-shaped cordholders both sides of doorway, high and low, 1.8 m. center to center. Two small finger-type cordholders about 15 cm. below capstone molding in back wall of vault.

Wall Openings: Small holes, .10 x .15 m. high in southeast and southwest walls.

Observations: Small area of unpainted plaster on wall below springline.

VAULTS:

Springline Offset: .17-.18 m.

Height: 1.37 m.; springline to bottom of capstone molding.

Form: Straight sides.

Stonework: Vault faced with 6 courses of slab to wedge-shaped stones, moderately well cut-and-dressed.

Capstones: Molding below capstone .15 m. high. Capstone span irregular; .25-.30 m.

Crossbeams: Single crossbeams near ends of room at springline.

Other: All four sides of vault covered with mural paintings. See below.

Observations: Traces of paintings, now much destroyed, on all vault surfaces. One of these shows a bench, or dias, which is nearly identical to a similar form

seen in Bonampak murals. Dias has two legs, about 24 cm. high, which support a seat about 15 cm. thick. Dias is blue-green in color and has large red circles; same as at Bonampak. Balance of paintings too destroyed to make out details.

STRUCTURE 1 Building with Paintings

INTERIOR DETAILS: - Room 2

DIMENSIONS:

Length: 3.1 m.

Width: 2.74 m. at end wall.

WALLS:

Height: 2.02 m., floor to springline.

Thickness: Front wall .73 m. thick at doorjamb.

Stonework: Walls faced with 9-10 courses of crudely dressed blocks, irregular in size (.15-.30 m.). Much chinking between large stones.

Doorways: .65 m. wide. Jambs formed with small stones, 2 to 3 courses deep. Lintel .19 m. thick; .35 m. bottom of lintel to springline.

Rod Sockets: None.

Cordholders: Finger-type, high in wall on both sides of doorway. None noted below.

Observations: Wall surfaces very irregular due to poor workmanship and rough stonework.

VAULTS:

Springline Offset: Varies. .25 m. front wall, .22 m. back wall, .18 m. end walls.

Height: 1.43 m.; springline to bottom of molding below capstones.

Form: Vault faces show medium curvature.

Stonework: Vault faced with 6 courses of wedge-shaped stones, better finished than wall stones.

Capstones: Capstone span about .60 m. Capstone molding .20 m. high.

Crossbeams: Single crossbeams near ends of room in first course of stones below springline. Two additional small crossbeams just below capstone molding.

Other: Very thin layer of plaster on vault surfaces. Upper end walls show considerable inward slope.

Observations: Circle painted blue high in vault, front side. Traces of red and blue paint on vaults, suggesting murals as in Room 1.

GROUP OF BUILDING WITH COLUMNAR DOORWAY

Small group of structures located about three hundred meters in a northerly direction from Group of Buildings with Paintings. Pollock (1980) saw more of this group than I did and included a brief description of what he called the East Building. I examined this building in March of 1984 and am including my notes as a supplement to Pollock's brief description.

The East building had several rooms but plan is uncertain. One room has a large jamb stone still in place. This stone is about .54 m. deep and 20 cm. thick. It is 2.0 m. from back wall to face of jamb. A round column adjacent to this jamb measures .91 m. high and .48 m. to .50 m. in diameter. The room to the right measures 2.34 m. long and my notes say that the facing stones in the walls are very well cut-and-dressed. Further to the right is an additional room which is described below.

STRUCTURE: East Building, Group of Building with Columnar Doorway

INTERIOR DETAILS: - Room near south end

DIMENSIONS:

Length: Unknown; partly fallen.

Width: 2.0 m.

WALLS: Room filled with debris; no data.

VAULTS:

Springline Offset: .10 m.

Height: 1.32 m.; springline to bottom of molding below capstones.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 7-8 courses of thin slabs; exposed faces roughly cut to slope of vault.

Capstones: Capstone span .33 m. Molding below capstones .10 m. high.

Crossbeams: Single crossbeams near both ends of room at springline.

Observations: Character of vaults suggests Proto-Puuc or Early Puuc style.

Chunryi

SITE: CHENCOYI

NUMBER:

DATE: 4/29/1978

BACKGROUND: I know of no previous references to this site, which was not shown in the old (1960) Archaeological Atlas of Campeche. I visited the site in 1978 and my notes refer to two adjacent groups of structures, which I am calling Groups A and B.

SITUATION: The site is situated on the grounds of the present day Rancho Chencoyi, which is located just north of the junction between the two highways from the City of Campeche to Merida. This places it in the southwest corner of the Puuc archaeological region.

TOPOGRAPHY: The surrounding terrain in this vicinity is very flat but the ruins are situated on the tops of two adjacent low hills, which provide commanding views of the surrounding countryside.

WATER SUPPLY: No natural water resources noted but there is a modern well at the ranch. We did not observe any chultuns, although one or more must be present.

MAPS: None.

SIZE: Appears to be a very small site (Rank 6) as we saw only two small groups of structures which are less than 100 meters apart.

CIVIC PLAN: Unknown, due to lack of map. Group A consists of three or four small buildings arranged around a central courtyard, but only the western building (Structure 1) is still standing. Group B, which is on a low hill north of Group A, consists of a low terrace supporting a smaller platform with the remains of a four room building on top. Only the lower portions of a few walls of this building are still standing.

SITE: CHENCOYI

NUMBER:

DATE: 4/29/1978

STRUCTURE 1, GROUP A

Group A consists of three or four small buildings arranged around a small courtyard. Only the western building, which I have called Structure 1, is still standing.

GENERAL DESCRIPTION: Small building, which originally had only one long room, with multiple doorways on the east side. At a later date, projecting rooms were added on the east side at both ends and cross walls were added on the interior, dividing the long room into three smaller rooms.

ORIENTATION: Main facade faces east.

EXTERIOR DETAILS:

BASE MOLDING: No data, covered with debris.

LOWER WALL ZONE:

Height: Uncertain, lower portion covered with debris.

Stonework: Walls faced with small blocks, .23 x .25 m. on face and .15 m. deep. Faces moderately well dressed.

Thickness: Front wall .60 m. thick at doorjambs. Rear wall about .50 m. thick.

Decoration: None.

DOORWAYS:

Shape: Rectangular, with offsets at top of jambs.

Jambs:

Lintels: Stone lintels.

MEDIAL MOLDING: There is no real medial molding as entire upper wall projects out about .08 m. beyond lower wall at the point where medial molding would normally occur.

UPPER WALL ZONE:

Height: Overall height m. from bottom of projection at bottom to bottom of cornice.

Stonework: Where plain, wall faced with small, veneer-type blocks, similar to those seen in lower walls.

Decoration: The upper facade above the multiple doorway on the east side was elaborately decorated with two large "checkerboard" designs and other decorative elements executed in plaster. In addition, there are three large projecting stones adjacent to the checkerboards, about 22 cm. high and 40 cm. wide, which probably supported other sculptures. Just above, and to the right of the projecting stone above the north doorjamb are remnants of stucco sculptures painted in red, yellow and blue. The edges of both the recessed squares in the checkerboard and the recessed panel above the checkerboard are outlined with projecting moldings, executed in stucco. Several of the recessed squares have been filled with projecting stones and there are other projecting stones in the plain wall area just above the door lintels. See elevations and details.

CORNICE:

Form: Two members - projecting rectangular member at bottom with single rectangular member above.

Size:

Projection:

Decoration: None.

ROOF STRUCTURE:

Description: Single wall roofcomb, with recessed central portion.

Location: Over real wall.

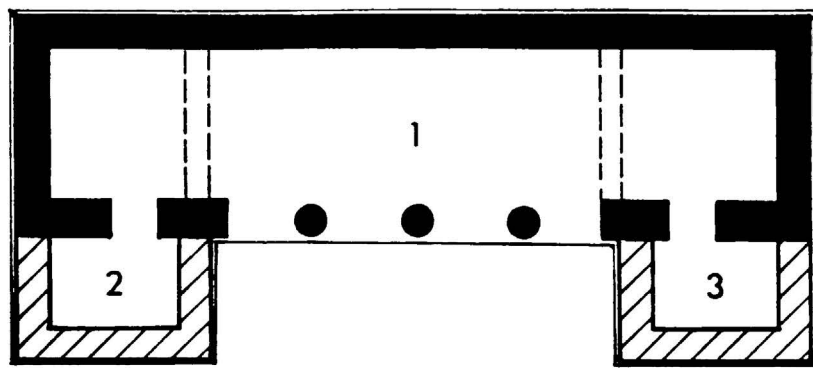
Dimensions: .70 m. thick in center, but end portions about 1.10 m. thick. Portion still standing about 1.8 m. high.

Decoration: None visible, and there are no projecting stones in portion of roofcomb still standing which might have served as supports for stucco sculptures.

Other: Roofcomb faced with stones more roughly dressed than those seen in walls below but construction is essentially veneer over concrete.

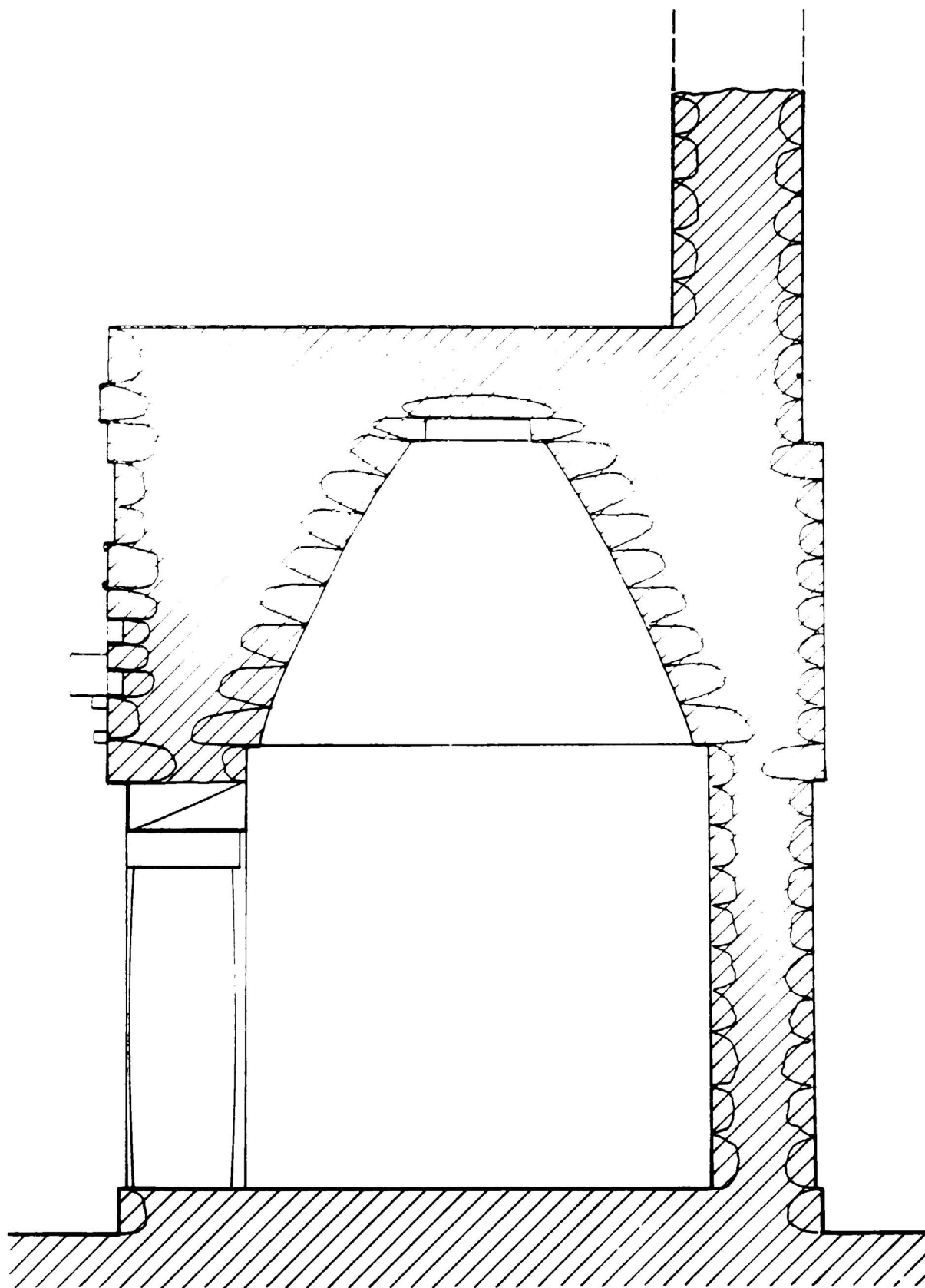
ARCHITECTURAL STYLE: Early Puuc style (?). Elaborate "checkerboard" decorative elements over central doorway are not typical for Early Puuc style but all other architectural and construction features seen in this building are typical

for Early Puuc architecture. It should be noted however, that checkerboard designs elsewhere in the Puuc region, such as those seen on Structure 5 at Sabacche and Structure 2 of Group A at Kom, are on buildings executed in Classic Puuc Mosaic style.

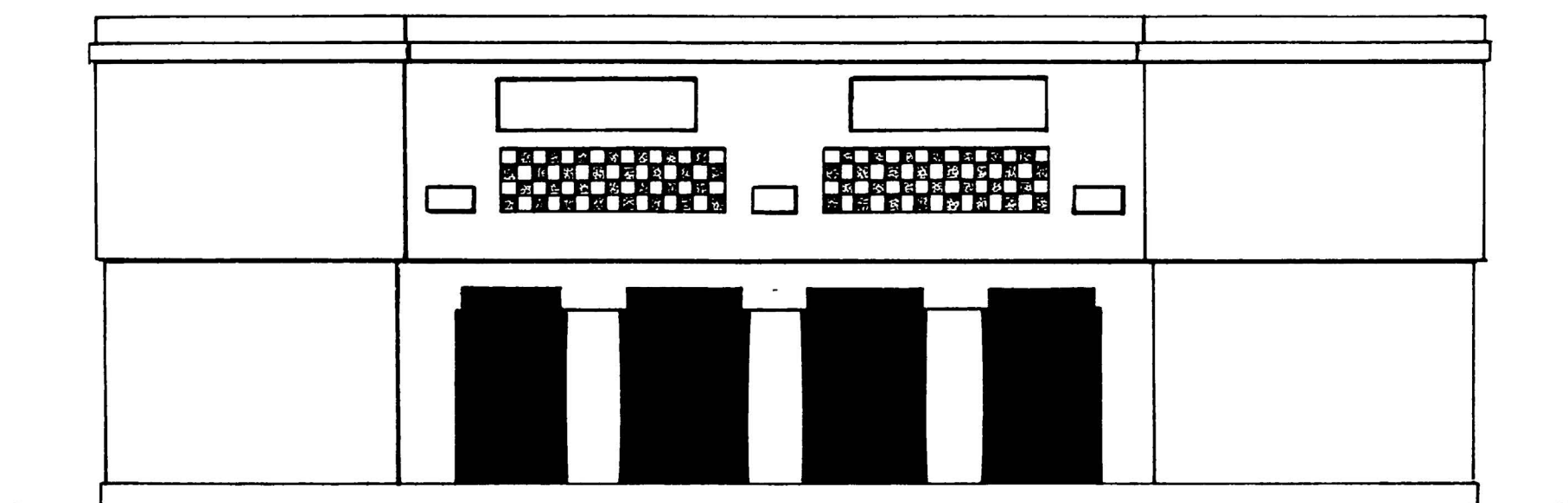


0 1 2 3 M.

Chencoyi, Campeche
Group A, Structure 1
G.F. Andrews, 1978



SECTION



Main Facade - Restored

0 1 2 3m.

Chencoyi, Campeche
Group A, Structure 1
G.F. Andrews, 1978

SITE: CHENCOYI

NUMBER:

DATE: 4/29/1978

STRUCTURE 1

INTERIOR DETAILS: - Room 1 (Main room)

DIMENSIONS:

Length: 11.66 m.

Width: 2.44 m.

WALLS:

Height: Uncertain - room partly filled with debris.

Thickness: Front wall .60 m. thick. Rear wall only .50 m. thick.

Stonework: Walls faced

Doorways: Doorways in front wall near ends of room .78 m. wide, stone lintels above. Central doorway has four openings, formed by round columns with rectangular capitals, stone lintels above.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: None noted.

Platforms: None.

Other: Cross walls added at later date, dividing long original room into 3 smaller rooms. These cross walls now only .91 m. to 1.22 m. high.

VAULTS:

Springline Offset: .062 m.-.075 m., both long walls and end walls.

Height: 1.60 m. (approx.) springline to bottom of molding below capstone.

Form: Vault faces show very slight curvature.

Stonework: Vault faced with 8 courses of roughly dressed slabs with beveled faces. Small amount of chinking between courses due to uneven coursing.

Capstones: Capstone span .56 -.61 m. Molding below capstones about .10 m. high.

Crossbeams: None noted. Vault essentially intact and no beam holes can be seen.

GROUP B

Group B is situated on a low rise of ground just north of Group A. Complex consists of a terrace supporting a low platform, with remains of a building on top of the platform. This building, which I have called Structure 2, appears to have had four rooms, three in a row with an additional room in front of the central room. Only small portions of the lower walls of central rooms are still standing. Vaults have completely collapsed. Construction appears to be the same as in Structure 1.

Monuments: A large stone slab was found at the base of the platform, supporting Structure 2. Height 1.6 m., width .72 m., thickness .30 m. No traces of carving on any surface, and I assume slab was not a plain stela but rather was used as a lintel over doorway in Structure 2.

BACKGROUND: John Lloyd Stephens (1843) was the first person to report on this site although he called it Zaccacal, because of its proximity to the old hacienda of Zaccacal. Stephens described two buildings, which were later called Palace A and Pyramid B by J.R. Carter (1935). Maler visited the site in 1889 but his notes have not yet been published, although his photos of Palace A and Palace G were published elsewhere. In 1935 Carter published a detailed description of the site which included some data on eight different structures. Pollock (1980) mentioned the site but did not include any architectural data. I visited the site in March of 1984 and my data pertains mostly to the two buildings which Carter called Palaces A and G.

SITUATION: The ruins are situated about 1.5 km. southwest of the modern village of Ticum, or about 12 km. southeast of Tekax. This places the site near the far eastern corner of the Puuc archaeological region.

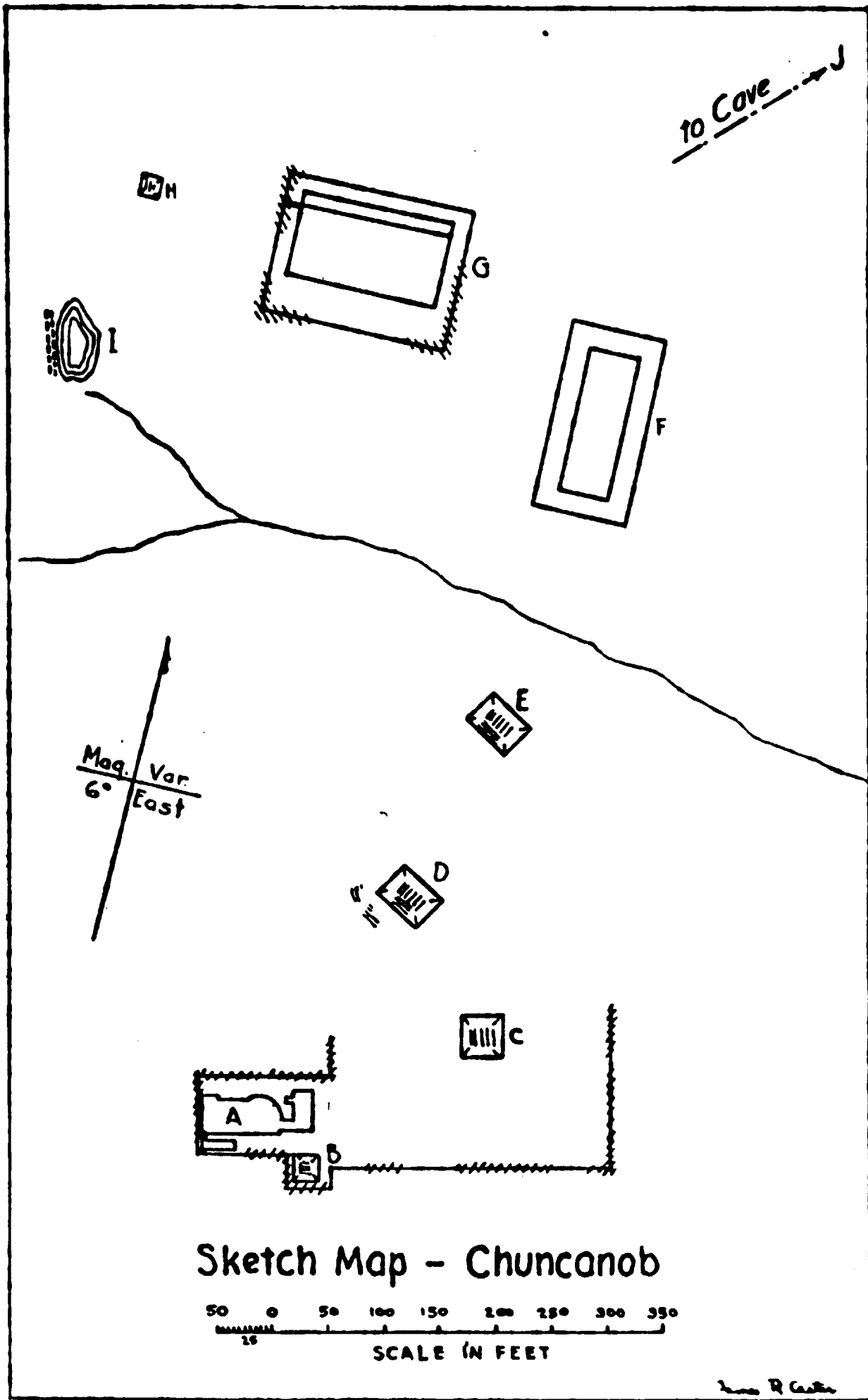
TOPOGRAPHY: The site, which is nestled just behind the first range of hills of the Sierra de Ticul, is fairly flat with minor local relief. Carter (1935) noted that the site had been extensively terraced and found retaining walls for these terraces in several different locations. We also noted vestiges of the retaining walls and terracing but the site was too overgrown to attempt any mapping of terraces.

WATER SUPPLY: As noted earlier by Carter, there is a good-sized sarteneja about 50-60 meters west of Palace G (Structure 1) which held a considerable amount of water at the time of our visit in March of 1984. Stephens (1843) mentions a room-shaped chultun with three recesses in one wall, which we were unable to relocate. Carter (1935) described a cave situated some distance northeast of Palace G which he believed held water, although he did not explore the cave in order to verify the presence of water.

MAPS: Sketch map by Carter is only known map of site. See copy of this map included with present report.

SIZE: The structures noted by Carter cover an area of about 300m. north-south by 200m. east-west, which would make it a fairly small site, even though two of the buildings are of considerable size. We also noted other mounds not shown on Carter's map before reaching the site center, and the full extent of the site is not really known.

CIVIC PLAN: It is difficult to characterize the overall plan of the ruins since the individual structures appear to be somewhat scattered and their orientations vary considerably. As is true for so many Puuc sites, the locations of buildings and building groups seems to have been determined mostly by fortuitous features of natural terrain rather than any preconceived formal relationships.



STRUCTURE 1 (Palace A)

GENERAL DESCRIPTION: The building called Palace A by Carter (1935), which I would prefer to call Structure 1, is a complex structure with 12 or 13 rooms and a very unusual ground plan. For purposes of discussion and description, Carter divided this building into four units which he called the Main Structure (room 1), West Annex (rooms 2-5), East Wing (rooms 8-13) and Southwest Annex (rooms 6 and 7), although he recognized that these components do not necessarily represent separate construction phases. In order to avoid confusion, I will continue to use Carter's room numbers and subdivisions even though I believe his rooms 1-5 form a single unit and that rooms 6 and 7 might well be considered as a separate building, even though they appear to have been connected to the rooms to the north by means of a wall (see plans).

Aside from its unusual ground plan, the most unique aspect of this building is the curved wall on the northeast side of room 1, which is the only large, quarter-round wall I have ever seen on a Puuc building. To be sure there are round Maya buildings, such as the Caracol at Chichen Itza and the round tower at Puerto Rico in the Rio Bec region but the large curved wall of Structure 1 here is unique. The curved portion of this wall has a radius of about 6.55m. and shows two different profiles, both of which are different from those seen in the East Wing and West Annex.

ORIENTATION: Varies - see Plan.

EXTERIOR DETAILS: Details below are far most facade of Room 13 only.

BASE MOLDING: No data - covered with debris.

LOWER WALL ZONE: No data - almost completely fallen.

DOORWAYS: No data - fallen.

MEDIAL MOLDING:

Form: Two members - large, apron-type lower member with narrow rectangular member above.
Size: Overall height - .53m., lower member, which is .40m. high, formed with 2 courses of stones.
Projection: Upper member projects .06m. beyond lower member.
Decoration: None.

UPPER WALL ZONE:

Height: 1.37m. - top of medial molding to bottom of cornice.
Stonework: Wall faced with small, well-cut veneer-type blocks.
Decoration Large long nosed mask, 1.16m. wide, centered in facade. Upper portion .81m. high. See photos. This mask similar to those seen in Palace at Labna.
Other: Mask is set in recessed panel, about .06m. deep. Upper wall slopes back about .35m. from bottom to top.

CORNICE:

Form: Probably 3 members, with apron-type members top and bottom, but only lower member is still in place.
Size: Lower member .40m. high.
Projections: .10m. at bottom.
Decoration: None.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Mosaic Style.

COMMENTS: Difficult to say if facades of other rooms of East Annex were similar to facade of Room 13 since these are now totally collapsed. As noted earlier by Carter (1935), there are four different facade profiles in various parts of Structure 1, which may indicate several different construction phases, but if so, their chronology is not yet clear.

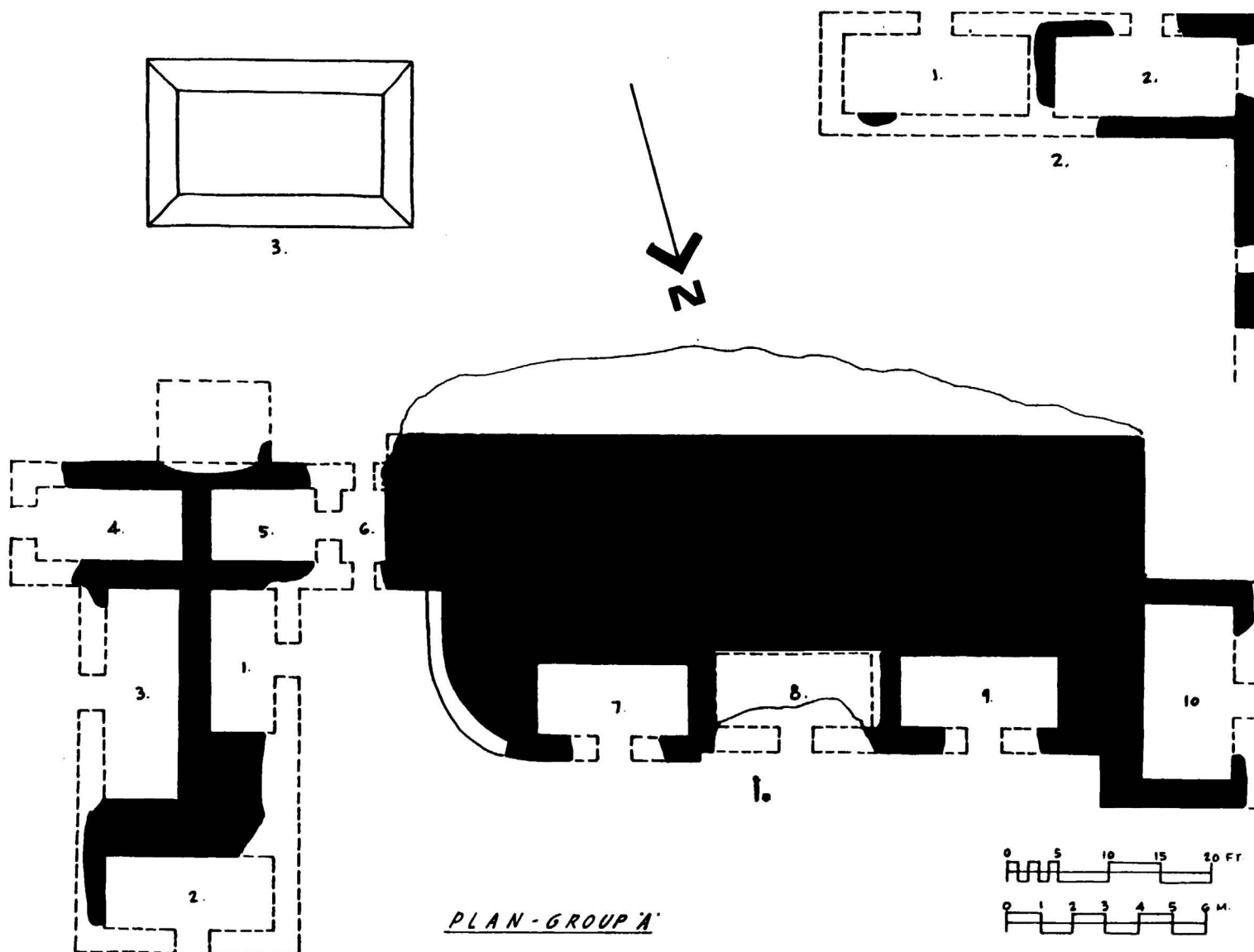
SITE CHUNCANOB

LOCATION YUCATAN - C8

DATE 3/17/84

BUILDING STR. 1+2, GROUP A DRAWING PLAN - GROUP A.

NO. P/C0/1



SITE CHUNCANOB

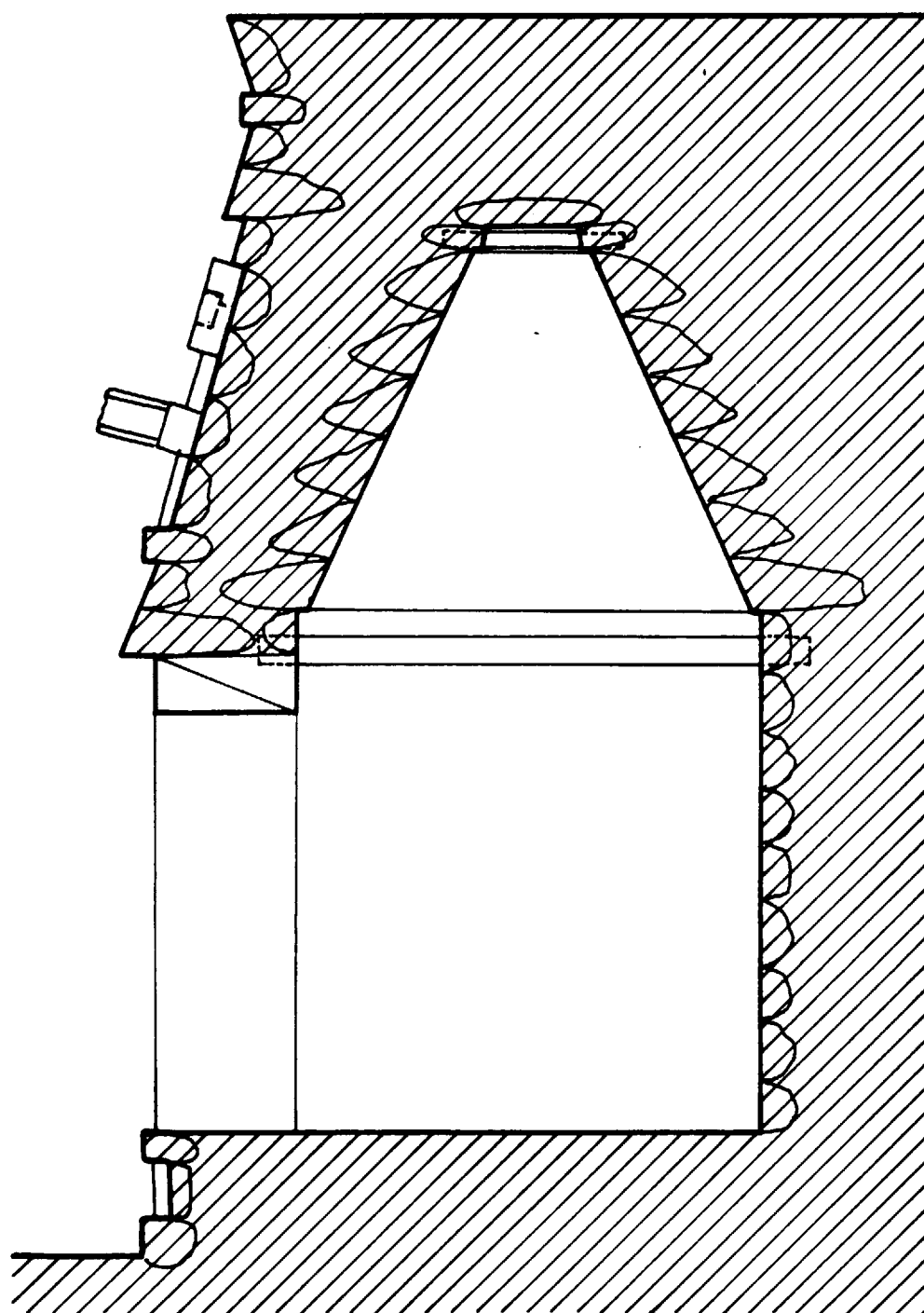
LOCATION Yucatan - C8

DATE 3/17/84

BUILDING Str. 1

DRAWING Section - Room 1

NO P/C8/2



0 1 2 3 6 FT.

0 0.5 1 2 M.

STRUCTURE 1

ORIENTATION: 18 degrees +/- (magnetic), perpendicular to front wall of Room 1.

EXTERIOR DETAILS: Details below are for north facade of Room 1 only.

BASE MOLDING: No data - covered with debris.

LOWER WALL ZONE:

Height: Unknown - lower portion covered with debris.
Stonework: Wall faced with small blocks, varying in size and set in uneven courses.
Thickness: Front wall about .94m. thick.
Decoration: None.

DOORWAYS: No data - fallen.

MEDIAL MOLDING: No real medial molding. Upper wall projects out about .15m. beyond lower wall and then slopes upward with no molding at bottom.

UPPER WALL ZONE:

Height: Uncertain - portion still in place is 1.78m. high.
Stonework: Wall faced with small, well-cut blocks set in even courses.
Decoration: None.
Other: Wall has slight inward slope.

CORNICE: Cornice, if any, completely fallen - no data.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Intermediate Style.

COMMENTS: Upper wall zone in front of Room 3 (north side) same as seen in facade of Room 1. Upper wall of projecting room to right (Room 4) carries medial and cornice moldings similar to those seen in facades of Rooms 8 and 13.

STRUCTURE 1

ORIENTATION: 15 degrees (magnetic), perpendicular to front wall of Room 8.

EXTERIOR DETAILS: Details below are for North Facade of Room 8 only.

BASE MOLDING: No data - covered with debris.

LOWER WALL ZONE: No data - mostly fallen.

DOORWAYS: No data - fallen.

MEDIAL MOLDING:

Form: Two members - larger, apron-type lower member with narrow rectangular member above.
Size: Overall height = .47m. Upper member .12m. high.
Projection: Uncertain.
Decoration: None.
Other: Bottom of lower member rests on top of upper member of adjacent facade of Room 13.

UPPER WALL ZONE:

Height: .98m. - top of medial molding to bottom of cornice.
Stonework: Wall faced with small, well-cut, veneer-type blocks.
Decoration: Group of 3 inset colonnettes in center of wall. Total width .56m.
Other: Upper wall slopes back, same as adjacent wall of Room 13.

CORNICE:

Form: Probably 3 members, although only lowest two members are still in place.
Size: Lower member .34m. high, overall height - .47m.
Projections: About .11m. at bottom.
Decoration: None.
Other: Bottom of cornice is even with bottom of cornice of adjacent room 13.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Colonnette style.

COMMENTS: Note that facade of this room differs from facades of adjacent rooms.

SITE: CHUNCANOB

STRUCTURE 1 (PALACE A)

INTERIOR DETAILS:

ROOM 1

DIMENSIONS:

Length: 4.56m. +/-

Width: 2.07m.

WALLS:

Height: No data.

Thickness: Exterior wall, north side, .94m. thick.

Stonework: Walls faced with small blocks, varying in size.

Doorways: No data - fallen.

Rod Sockets: No data.

Cordholders: No data.

Rings: No data.

Wall Openings: Niche in back wall, .54m. wide, .38m. deep, .48m. high. Top of niche is 1.08m. below springline.

Platforms: None.

Other: Stephens (1843) also noted niche in back wall, which was overlooked by Carter.

VAULTS:

Height: 1.46m. - springline to bottom of capstones molding.

Form: Vault has straight sides.

Stonework: Vaults faced with wedge-shaped stone, moderately well-dressed.

Capstones: Capstone span about .25m. Molding below capstone .10m. high.

Crossbeams: Single crossbeams near end of room in 1st course of stones below springline. Additional crossbeams in capstone molding near both ends of room and one at center of room.

STRUCTURE 1 (PALACE A)

INTERIOR DETAILS:

ROOM 2: No data - completely fallen.

ROOM 3:

Length: 4.76m.

Width: 2.44m.

ROOM 4:

Length: 5.22m.

Width: 2.44m.

ROOM 5: No data - fallen.

ROOMS 6 and 7: No data - now fallen. My notes say that overall length of both rooms is 12.0 to 13.5m.

ROOM 8:

Length: 1.83m.

Width: 1.32m.

ROOM 9: See separate data sheet.

ROOM 10:

Length: Uncertain - end wall fallen.

Width: About 2.28m.

ROOM 11:

Length: 6.08m.

Width: 2.28m.

ROOM 12:

Length: 4.86m.

Width: 2.28m.

ROOM 13: See separate sheet data sheet.

SITE: CHUNCANOB

STRUCTURE 1 (PALACE A)

INTERIOR DETAILS:

ROOM 9

DIMENSIONS:

Length: 3.20m.

Width: 2.21m.

WALLS:

Height: About 2.13m. - floor to springline.

Thickness: Rear wall - 2'8" thick.

Stonework: No data.

Doorways: Fallen - no data.

Rod Sockets: No data.

Cordholders: No data.

Rings: No data.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset .07m.

Height: 1.47m. - springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: Vault faced with 6 courses of wedge-shaped stones, moderately well-cut.

Capstones: Capstone span about .40m. - molding below capstones .09m. high.

Crossbeams: Single crossbeams near ends of room at bottom of 1st course of stones below springline. 3 additional crossbeams in capstone molding: one near center of room, others about 18" from end walls.

Other: Stonework is excellent. Edges of springline and capstone molding very straight.

SITE: CHUNCANOB

STRUCTURE 1 (PALACE A)

INTERIOR DETAILS:

ROOM 13

DIMENSIONS:

Length: 4.23m.

Width: 2.0m.

WALLS:

Height: Unknown - room partly filled with debris.
Stonework: Walls faced with 9 courses +/- of small to medium-sized veneer-type blocks.
Doorways: No data - fallen.
Rod Sockets: No data.
Cordholders: No data.
Rings: No data.
Wall Openings: None noted.
Platforms: None.

VAULTS:

Springline Offset: .02m. - .04m.
Height: 1.55m. - springline to bottom of molding below capstones.
Form: Vault has straight sides.
Stonework: Vault faced with 6 courses of well-cut, wedge-shaped stones. Springline course is .76m. deep, .23m. high.
Capstones: Capstone span about .40m., molding below capstones about .10m. high. Edges of molding very straight.
Crossbeams: Single crossbeams near both ends of room at bottom of 1st course of stones below springline. Additional crossbeams in capstone molding, one in center and others near end of room.

PYRAMID B (Structure 2)

Stephens (1843) described this structure as follows:

Beyond this, on a higher terrace, among many remains, were two buildings, one of which was in a good state of preservation, and the exterior was ornamented all around with pillars set in the wall, somewhat different from those in the facades of other buildings, and more fanciful. The interior consisted of but a single apartment, fifteen feet long (4.56m.) and nine feet wide (2.74m.). The ceiling was high, and in the layer of flat stones along the center of the arch was a single stone, like the one seen for the first time at Kewick, ornamented with painting.

This is clearly the same structure called Pyramid B by Carter, but by the time of his visit the temple building on the upper level described by Stephens had collapsed and only remnants of the walls could be seen. I noted numerous colonnettes in the debris, as did Carter, confirming Stephens' earlier description of a building decorated with "pillars". Carter (1935) said that the pyramidal substructure was about 7.6m. square at the base and about 6.08m. high, with its sides having three steps. By the time of my visit in 1984, the pyramid was only a shapeless mound of debris and its stepped form could no longer be distinguished.

STRUCTURE 7 (PALACE G)

GENERAL DESCRIPTION: Structure 7 (Palace G) is a good sized, rectangular building which appears to have had 18 rooms arranged around all four sides of a solid core (see plan). Many of the rooms are now almost totally destroyed and only rooms 2-9 are sufficiently well preserved to offer any architectural data. Carter (1935) believed that the rooms on the north side (rooms 10-16) were on a level about 6 feet lower than the other rooms but we were not able to verify this difference. Carter also suggested that there may have been a stairway to the roof in front of, or in place of, room 13 and this is a distinct possibility, as there are numerous examples of such stairways on similar buildings in other parts of the Puuc region.

ORIENTATION: Carter gives orientation as 90 (or 270) degrees (magnetic) parallel to long axis (east-west) of building but my notes give 298 degrees for this axis, a difference of 28 degrees. I cannot account for differences in compass readings but assume that mine is correct.

EXTERIOR DETAILS: Exterior walls are now mostly fallen and very few details are available. In front of Room 3, a small piece of the lower member of the medial molding is still in place. This molding is about .20m. high and it is clear from the imprint of the fallen members above that there were three members in all with an overall height of .54m. Face of lowest member has considerable inward slope. We noted a number of long colonnettes in the debris, of the kind found in upper wall zones, as well as short colonnettes which probably came from the central member of the medial molding. Carter (1935) mentions a Maler photo showing an upper wall with colonnettes which I believe must be a photo of structure 7. See section for shape and dimensions of construction joint behind outer facing of upper wall.

SITE CHUNCANOB

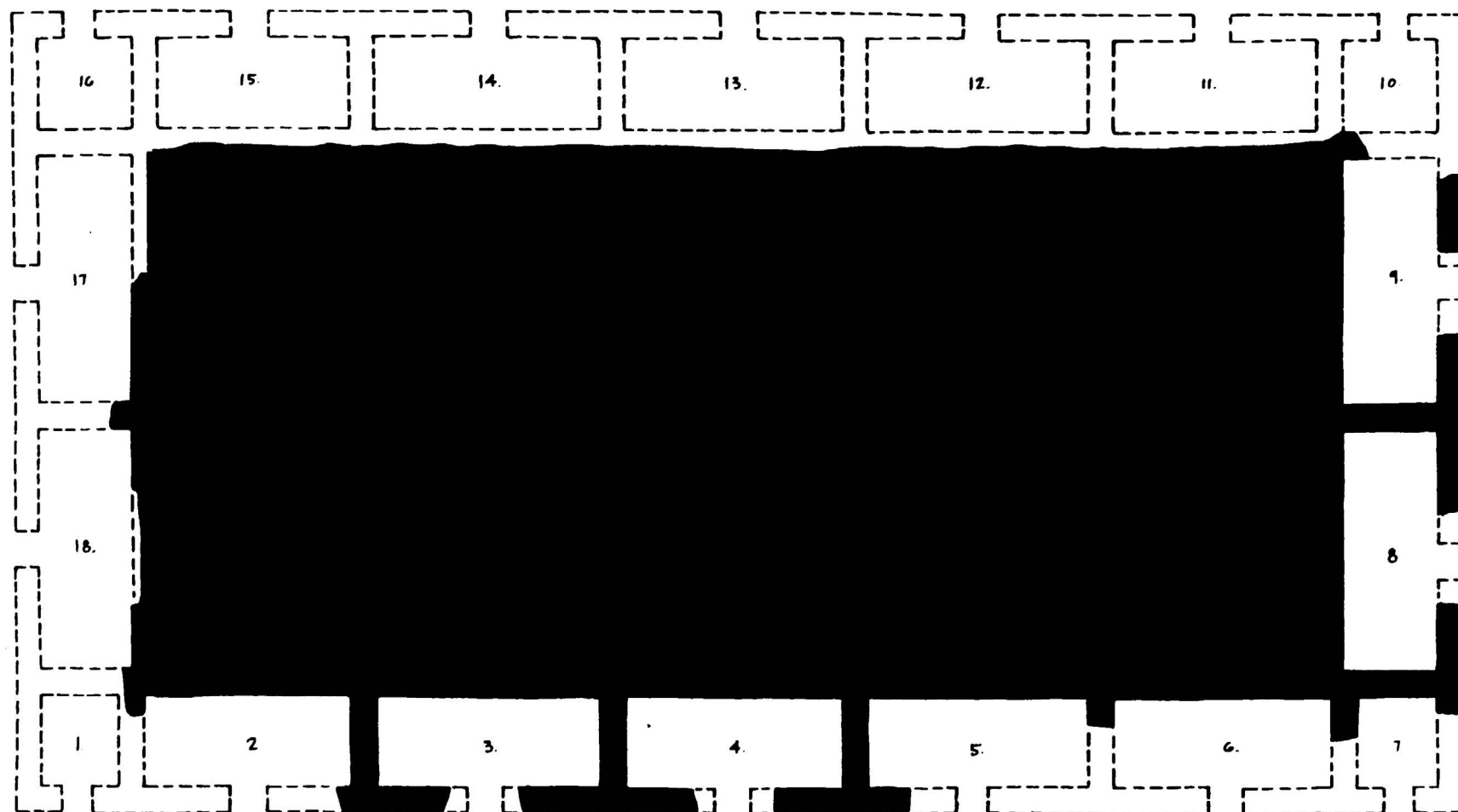
LOCATION YUCATAN - C8

DATE 3/17/84

BUILDING STR. # 7

DRAWING PLAN

NO. P/C8/3



PLAN STRUCTURE #4



STRUCTURE 7 (PALACE G)**INTERIOR DETAILS:**

ROOM 1: No data - fallen.

ROOM 2:

Length: 5.90m.

Width: 2.59m.

WALLS: No data recorded.

VAULTS:

Springline Offset: About .12m.

Height: 1.78m., springline to bottom of molding below capstones.

Form: Vault faces have slightly curved sides.

Stonework: Vault faced with 6 courses of boot-shaped stones with beveled faces.

Capstones: Capstone span, .40 - .46m.

Crossbeams: Single crossbeams about .71m. from end walls, at bottom of 2nd course of stones below springline.

OBSERVATION: Front wall and left end wall now fallen.

ROOM 3:

Length: 6.46m.

Width: 2.56m.

VAULTS:

Springline Offset: About .12m.

Height: 1.78m., springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 6 courses of wedge to boot-shaped stones with beveled faces.

Capstones: Capstone span about .38m.

Crossbeams: Single crossbeams near ends of room at bottom of 2nd course of stones below springline. Four additional crossbeams in capstone molding.

ROOM 4

Length: 6.30m.

Width: 2.64m.

VAULTS:

Springline Offset: About .12m.
Height: 1.78m., springline to bottom of capstone molding.
Stonework: Same as seen in Rooms 2 and 3.
Capstones: Painted capstone in center of room. Most of design destroyed but band of glyphs in red can still be seen.
Crossbeams: Pairs of crossbeams near ends of room, .15m. to center below springline. Additional crossbeams in capstone molding as in other rooms.

ROOM 5

Length: 6.47m.
Width: 2.64m. +/-.

VAULT: Details same as those seen in rooms 2-4.

ROOM 7

Length: 2.28m.
Width: 2.59m.

No other data as room is mostly fallen.

ROOM 8:

Length: 6.82m.
Width: 2.74m.

WALLS: No data recorded.

VAULT:

Springline Offset: About .11m.
Height: 1.83m., springline to bottom of molding below capstones.
Form: Vault faces show straight sides.
Stonework: Vault faced with well-cut specialized stones, with both wedge and boot-shapes.
Crossbeams: Crossbeams near both ends of room at bottom of 3rd course of stones below capstone molding. Additional crossbeams near ends of room below springline.

ROOM 9

Length: 7.01m.

Width: 2.74m.

No other data as room is mostly fallen.

NOTE: No data on rooms 10 - 18 which are now completely fallen.

BACKGROUND: There is considerable confusion regarding the name of this site since Pollock (1980) used the name Chuncatzim to describe a site which is now commonly known as Xcanalcruz. In a recent article, Karl Mayer (1984 b) noted the same confusion but suggested that Xcanalcruz be called Chuncatzim I and the site under discussion here Chuncatzim II. Nick Dunning (1987) objected to Mayer's designations on the grounds that the Archaeological Atlas of Yucatan showed a site called Chuncatzim under the number 16Qd(10): 102 which was in a different location than the group at Xcanalcruz. Dunning also asserted that the Xcanalcruz group was actually an outlying part of Labna even though he gave it a separate number for mapping purposes. In general, I concur with Dunning's distinctions and am using the name Xcanalcruz for the group that Pollock called Chuncatzim. Until Mayer's recent article, nothing had been published on Chuncatzim but subsequently, Alfredo Barrera Rubio, of the Centro Regional de Yucatan, INAH, made a sketch map of the site core which is now on file at the CRY. I visited the site in 1983 and my notes pertain only to Structure 1, the building reported earlier by Mayer as Structure 1 of Chuncatzim II.

SITUATION: The site is situated on the grounds of the Rancho Sabacche, about 2 km. southwest of the ranch buildings. This places it in the same general vicinity as the archaeological sites of Sabacche and Xcanalcruz.

TOPOGRAPHY: The site is situated in a small valley with hills on all sides. The area in the immediate vicinity of Structure 1 is relatively flat but the building itself stands on a low platform.

WATER SUPPLY: Chultuns are the only known source of water.

MAPS: Map by Alfredo Barrera Rubio (unpublished) is only known map of site. I have not seen this map and do not know how much area it covers.

SIZE: Rank 5. Dunning (1987) gives settlement area of about 0.3 sq. km., which is very small.

CIVIC PLAN: According to Dunning (1987), who saw more of the site than I did, Structure 1 faces east onto a small courtyard, bordered on two sides by natural rises of ground crowned with terraces supporting vaulted masonry buildings, now fallen, which also overlooked the courtyard. In addition, there are other small groups of fallen structures nearby.

STRUCTURE 1

GENERAL DESCRIPTION: Partly fallen building with four rooms in line. Stands on a low platform overlooking a level court or plaza to the east.

ORIENTATION: Main facade faces east.

EXTERIOR DETAILS: Details below are for main (east) facade.

BASE MOLDING:

Form: Uncertain - only top of upper member exposed. Assume 3 members with short colonnettes in central member

Size: No data.

Projection: .05m at top.

LOWER WALL ZONE:

Height: 2.15 m. - top of base molding to bottom of medial molding.

Stonework: Walls faced with 7-8 courses of small to medium sized blocks, varying in size. Blocks are .20 - .25m. thick.

Thickness: Front wall .61m. thick, room 2.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Jambs faced with large slabs, full thickness of wall.

Lintels: Stone lintels, about .32m. thick.

MEDIAL MOLDING:

Form: Three members - rectangular central member, with outward, sloping apron-type members above and below.

Size: Overall height = .66m. Central member .12m. high, lower member .21m. high. Stone from lower member, now fallen, is .57m. wide and .71 m. deep.

Projection: .25 at bottom.

Decoration: None.

UPPER WALL ZONE:

Height: .99m. - top of medial molding to bottom of cornice.

Stonework: Well-cut, half round colonnettes, .30m. on centers.

Decoration: Upper wall filled with continuous row of colonnettes with spools in center. Spools are .33m. high.

CORNICE:

Form: Uncertain - only lower apron-type member still in place.

Size: No data.

Projections: .20m. at bottom.

Decoration: No data.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Colonnade Style.

COMMENTS: Fairly typical example of Colonnade style building.

SITE CHUNCATZIM

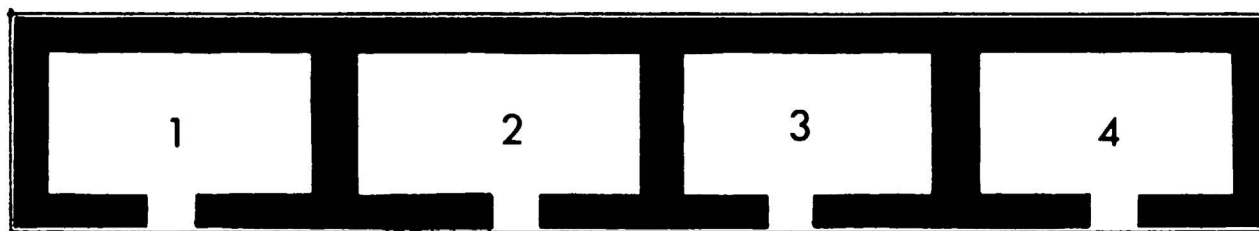
LOCATION YUCATAN - C9

DATE 2/20/83

BUILDING STR. 1

DRAWING PLAN

NO. P/C9/1



0 5 10 20 30 FT

0 5 10 M.

SITE CHUNCATZIM

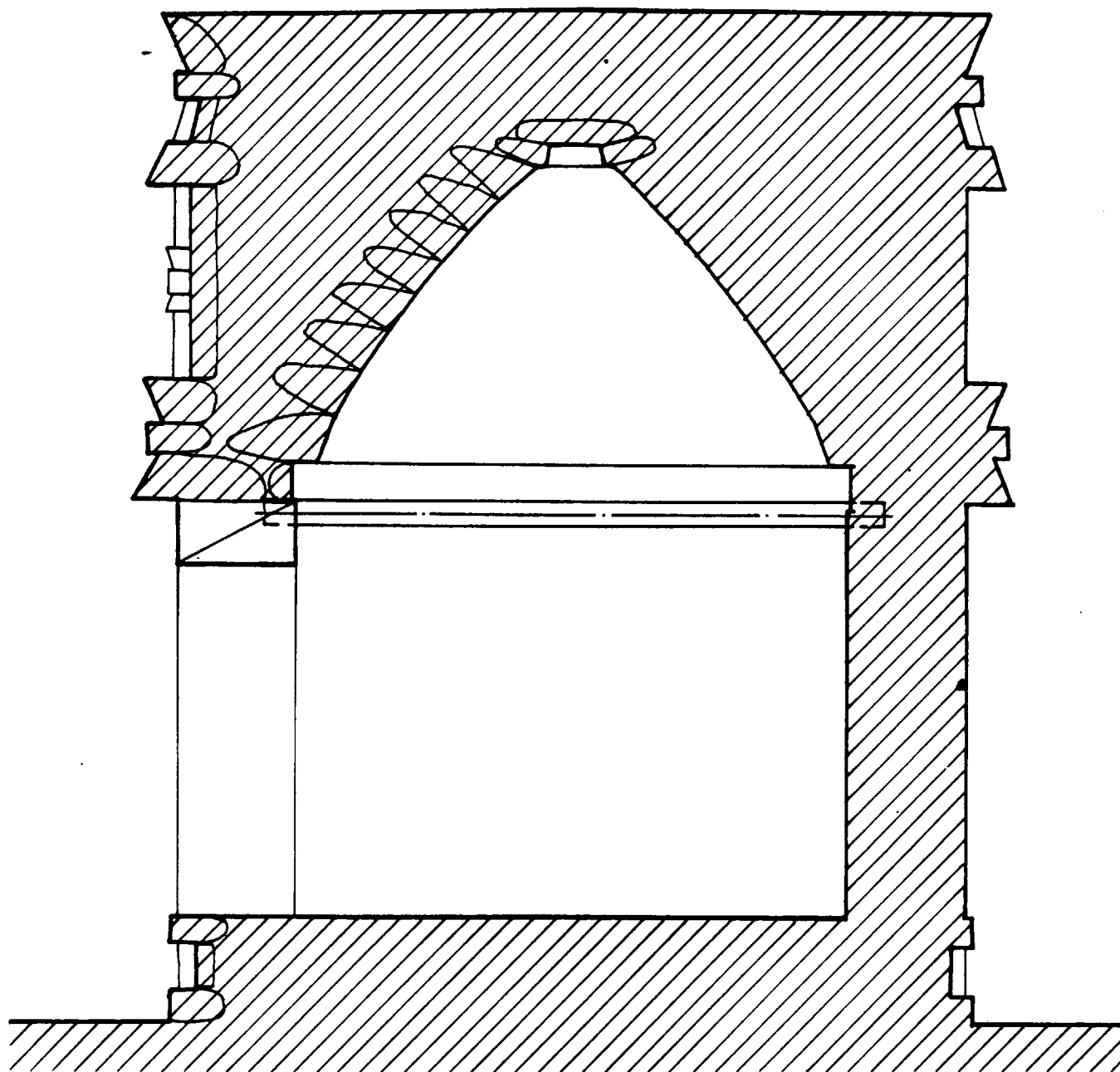
LOCATION YUCATAN - C9

DATE 2/20/83

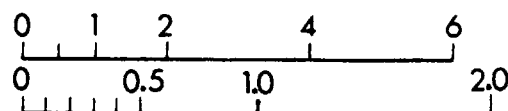
BUILDING STR. 1

DRAWING SECTION-ROOM 2

NO. P/C9/2



SECTION - Room 2



SITE: CHUNCATZIM

STRUCTURE 1

INTERIOR DETAILS

ROOM 2

DIMENSIONS:

Length: 5.63m.
Width: 2.84m.

WALLS:

Height: 2.35 - top of base (floor) to springline.
Thickness: Front wall .61m. thick near jamb.
Stonework: Walls faced with 8-9 courses of moderately well-cut blocks, varying in size.
Doorways: Right jamb fallen, width uncertain.
Rod Sockets: None.
Cordholders: Very small finger-type cordholders, high and low, adjacent to left doorjamb.
Rings: None.
Wall Openings: None.
Platforms: No data - room partly filled with debris.
Other: Course of stones immediately below springline is slightly recessed.

VAULTS:

Springline Offset:: Varies - .07 - .10m.
Height: 1.52m. - springline to bottom of molding below capstones.
Form: Vault faces show slight curvature.
Stonework: Vaults faced with 8 courses of wedge-shaped stones.
Capstones: Capstone span .25m.
Crossbeams: Single crossbeams near ends of room at bottom of 1st course of stones below springline.

OBSERVATIONS: All details typical for Colonnade style. Room 1 completely fallen - no data.

SITE: CHUNCATZIM

STRUCTURE 1

INTERIOR DETAILS:

ROOM 3

DIMENSIONS:

Length: 4.97m.

Width: 2.84m.

WALLS:

Height: 2.35m. - top of base (floor) to vault springline.

Thickness: Dividing wall to room 4 is .88m. thick.

Stonework: Walls faced with small, veneer - type blocks, set in slightly uneven courses.

Doorways: Doorway is .95m. wide.

Rod Sockets: None.

Cordholders: Very small finger-type cordholders adjacent to both jambs, high and low.

Rings: None.

Wall Openings: None.

Platforms: No data - room partly filled with debris.

VAULTS:

Springline Offset: No data.

Height: 2.05m. - springline to bottom of capstones.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 8 courses of wedge-shaped stones, with beveled faces. Faces moderately well finished.

Capstones: Capstone span about .25m. Molding below capstones about .10m. high.

Crossbeams: Single crossbeams near ends of room, .25m. to center below springline.

Other: Vault of this room appears to be about .40m. higher than vault of adjacent room 2.

OBSERVATIONS: This room somewhat wider than normal. Room 4 completely fallen - no data.

BACKGROUND: John Lloyd Stephens (1843) is the first person to report on this site. He described two range-type buildings (Main Palace and Adjacent Palace) which were also illustrated by Frederick Catherwood (ibid, Plates XIV, XV and XVI). Teobert Maler (1902) published a fairly extensive report on the site which included descriptions of three outlying hilltop groups which he called the First Castillo, Second Castillo, and Third Castillo. Maler's Third Castillo is now known as Xpostanil and is recorded separately under that name. H.E.D. Pollock (1980) included some data on two structures in the Main Group, which Maler earlier called the Main Palace and Adjacent Palace. He also included some data on Maler's First Castillo and summarized the Maler data for the Second and Third Castillos. During 1982-83, the Centro Regional Sureste, INAH, carried out an excavation and consolidation program at the site which was limited to the Main Palace and Adjacent Palace, now known as Structures E3-1 and E3-6. In 1989, staff members from CEMCA (Centro d'Etudes Mexicanes et Centro-Americaines) including Dominique Michelet and Pierre Becquelin, made a map of the central core area of the site, and the structure numbers used in the balance of the present report are taken from their map. I visited the site in 1981, 1983 and 1984 and my notes refer to several structures not recorded by others, as well as two "palace" structures described earlier by Stephens, Maler, and Pollock.

SITUATION: The site is situated just west of the white road from Highway 261 to Xculoc, near kilometer 11 of this road. This puts it about ten kilometers northwest of the old Yaxche hacienda and five kilometers southeast of the village of Xculoc.

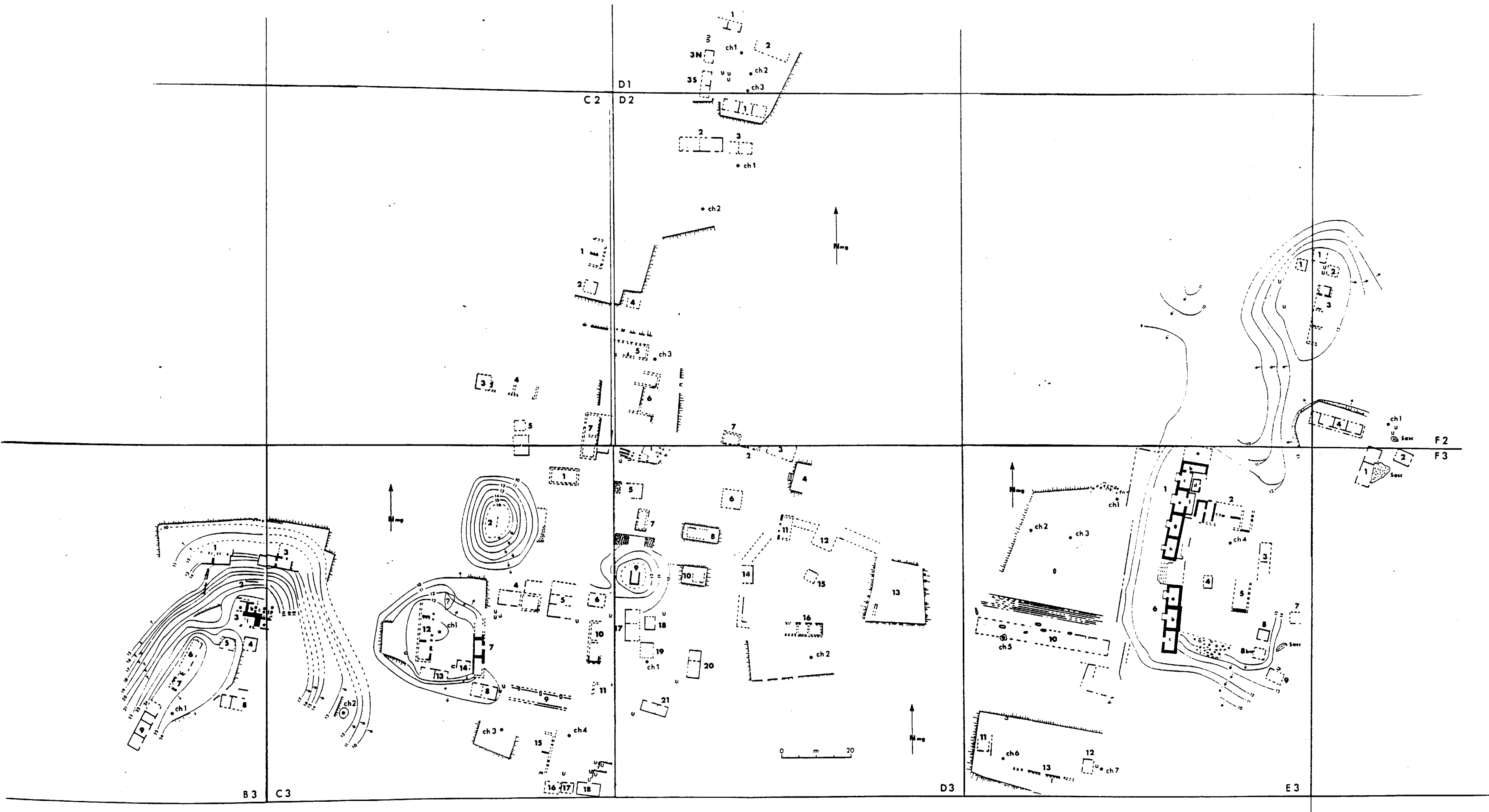
TOPOGRAPHY: The ruins lie on the edge of the savanna of Chunhuhub with numerous hills to the south, but the outlying groups are sited on hilltops to the west and north. The Main Group occupies the top of a low ridge, or rock outcrop, with a number of other structures on the flatter ground to the west. What I am now calling the West Acropolis (Structures B3-1 to 9 and C3-1) is a multi-level complex which is built on the north side and top of a good sized hill. The ground of the Main Group is generally flat with some low rises of ground and rocky outcrops rising above the floor of the savanna.

WATER SUPPLY: I do not know of any natural water resources such as aguadas or sartenejas and none are shown on the new CEMCA map. Over twenty man-made chultuns are shown on this map, however, and there are probably others in adjacent areas not surveyed.

MAPS: Good map of central portion of site completed in 1989 by staff from CEMCA. This map covers an area of about four hundred meters east-west and two hundred and twenty meters north-south. First and Second Castillos are too far to west and north to be shown on this map.

SIZE: Site covers an area of considerable size if First and Second Castillos and structures in savanna to east are considered to be part of a single site. There are a number of additional structures in the area east of the Main Center which were outside the area mapped by CEMCA group, including several vaulted masonry buildings, now mostly fallen. I examined one of these buildings which was about five to six hundred meters east of the Main group. Should be given rank of Class 3.

CIVIC PLAN The CEMCA map of central core area shows that there is no "formal" overall plan, as the individual groups of structures seem rather scattered. Each of the smaller groups, however, does show some kind of order which is based on common relationships in reference to plazas, terraces and platforms. The major structures occupy the higher elevations (rock outcrops, hills and ridges) while smaller structures are sited on low platforms in the more level areas between.



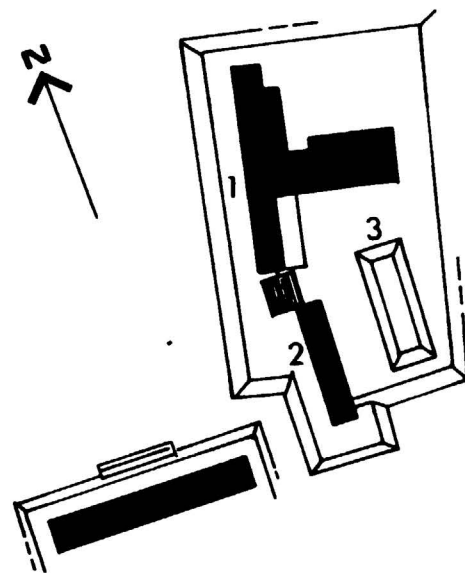
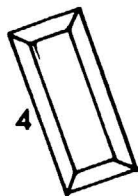
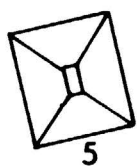
Chunhuhub, Campeche
Site map, Main Center
CEMCA, 1989

MAIN GROUP

The group of structures near the eastern edge of the central core area, which Pollock (1980:400) called the Main or Palace Group, includes the remains of two large multi-chamber buildings which are commonly called the Main Palace and Adjacent Palace. These latter buildings are now identified on the recently completed CEMCA map as Structures E3-1 and E3-6 respectively. Most of the other structures forming this group are now badly fallen and only bits and pieces of walls and vaults are still standing. The two main "palace" buildings of this group stand on a good-sized platform or terrace, about 2.5 meters high, and face west, overlooking a lower terrace which contains three chultuns (see copy of CEMCA map included with this report). Both palace buildings are situated along the outer (western) edge of a second terrace, about 2.5 meters high. Situated behind both buildings, this upper terrace is accessible by means of a broad stairway at the southern end of the Main Palace (Structure E3-1). This stairway is also connected to the northern end of the Adjacent Palace (Structure E3-6).

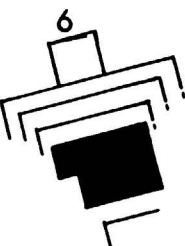
The upper terrace behind the two palace structures supports several additional structures, including a badly fallen, four-room building behind the Main Palace which is shown as Structure E3-2 on the CEMCA map. At one time this was a free-standing building, but was later connected directly to the Main Palace by means of an additional room which filled the gap between the west end of Structure E3-2 and the rear (east) wall of Structure E3-1. It seems likely that Structure E3-2 was built before either of the so-called palaces were constructed but this assumption is based mostly on stylistic grounds and has yet to be proved. It is possible there was another stairway on the north side of Structure E3-2 which has now collapsed but this is not clear. Other terraces and structures can be found in the area north-northeast of this group, some of which are surely house mounds.

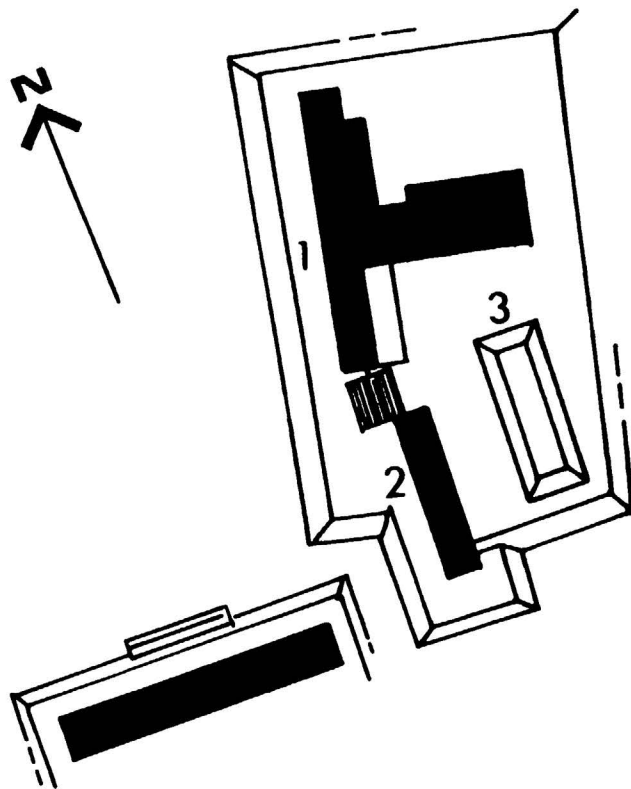
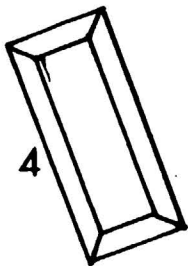
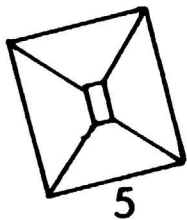
SITE CHUNHUBUB LOCATION CAMPECHE - CII DATE 3/11/83
BUILDING MAIN GROUP DRAWING SKETCH MAP NO. P/CII/1



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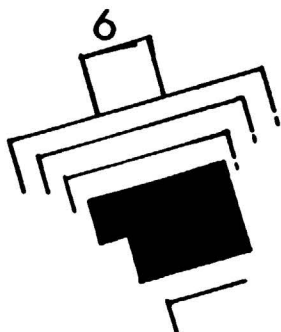
0 10 70 M.





0 50 100 200 FT.

0 10 70 M.



SITE CHUNHUVHUB

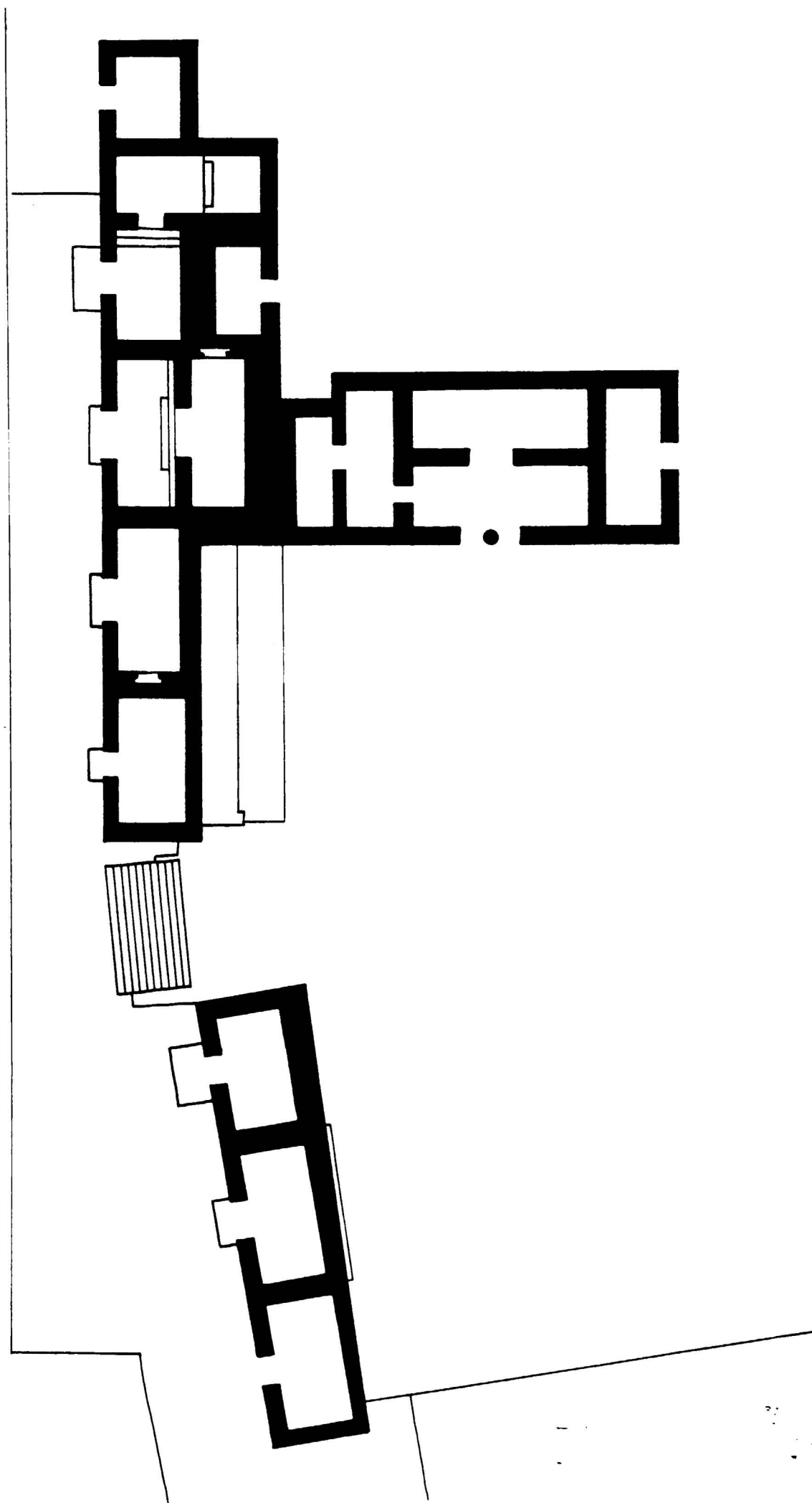
LOCATION CAMPECHE - C11

DATE 3/11/83

BUILDING STR. 1 & 2

DRAWING PLANS

NO. P/C11/9



STRUCTURE E3-1 (Main Palace)

GENERAL DESCRIPTION: STRUCTURE E3-1, commonly called the Main Palace, is a long, range-type building with a total of eight rooms. There are six rooms on the west side, one of which is at right angles to the other rooms (Room 2), with an additional room behind the central room (Room 5). There is one other room (Room 8) behind Room 3, with a doorway opening to the east (see plan). The main rooms overlook a shallow terrace in front and there is a higher terrace behind the four southern rooms. The top of the upper terrace is about .50 meters below the bottom of the medial molding of the lower level rooms. About two meters back from the southwest corner is a shallow vaulted space which is adjacent to a broad stairway leading to the upper level terrace behind the southern rooms. This stairway also connects to the north end of Structure E3-6 (Adjacent Palace).

On the upper level terrace, behind Rooms 4 and 5, is an additional four-room building with its long axis at right angles to the axis of the lower level rooms. While this was once an independent structure, it is now connected to the upper portion of the rear wall of Room 5 by means of an additional room (Room 9) which spans the space between the two previously independent structures. While these upper level rooms might be considered as the East Wing of Structure E3-1, the earlier four-room building, now identified as Structure E3-2, is treated as a separate structure.

ORIENTATION: 283.5 degrees (magnetic), perpendicular to main facade.

EXTERIOR DETAILS: Details below are for facade in front of Room 4. Note that medial molding of adjacent rooms, both sides, is lower and shows different profile.

BASE MOLDING

Form: 3 members. Rectangular members top and bottom with decorated central member.

Size: Total height .58 m. Upper and lower members .12 m. high, central member .33 m. high.

Projection: .06 m. projection at top.

Other: Central member decorated with stepped frets, alternating with groups of three colonnettes.

LOWER WALL ZONE:

Height: 2.51 m., top of base to bottom of medial molding.

Stonework: See decoration below.

Thickness: Front wall .62 m. thick at doorjamb.

Decoration: Sculptured panels with three large stepped frets, both sides of doorway. Sets of three long colonnettes, .27 m. in diameter, beyond stepped frets (see details).

DOORWAYS:

Shape: Rectangular.

Jambs: Jambs faced with large slabs, full thickness of wall.

Lintels: Stone lintels, .23 m. thick.

MEDIAL MOLDING:

Form: 4 members. Large, apron-type member at bottom, formed with two courses of stones. First and third members are rectangular, with continuous row of colonnettes in second member between.

Size: Overall height .86 m. Lower member about .35 m. high. Rectangular members above about .14 m. high. Colonnettes .23 m. high.

Projection: .50 m. at bottom.

Decoration: Continuous row of short colonnettes in second member from top. Colonnettes about .19 m. on center.

UPPER WALL ZONE:

Height: 1.04 m. top of medial molding to bottom of cornice.

Stonework: Plain areas of wall faced with well-cut, veneer-type blocks, similar to those seen in lower walls.

Decoration: Groups of colonnettes with spools at center, alternating with plain areas. Plain areas once carried stone sculptures, all of which have now been removed. Five such figures in place in Stephens' time, four in Maler's time. Several of these figures are now in INAH museum in Campeche.

CORNICE:

Form: 5 members. Lower 4 members same as medial molding with addition of outward sloping coping member above.

Size: About 1.16 m. high overall. No data on individual members.

Projection: About .30 m. at bottom.

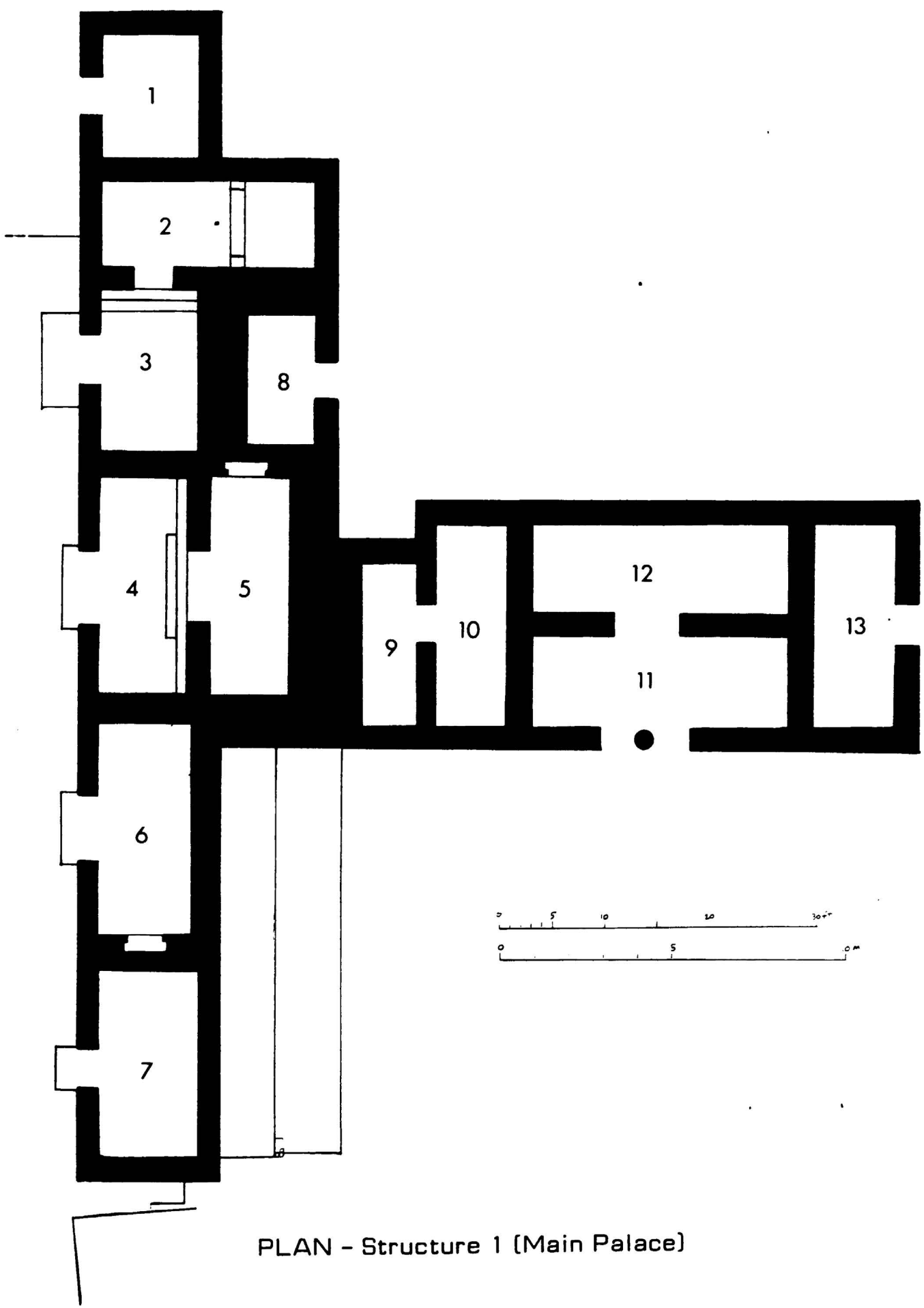
Decoration: Central member carries continuous row of short colonnettes.

ROOF STRUCTURE See data for Room 9, Structure E3-1 and separate description of Structure E3-2 for data on rooms on upper level behind Room 5.

ARCHITECTURAL STYLE: Classic Puuc Mosaic style.

COMMENTS: West facade of this building shows several unusual features:

- 1) While exterior face of lower wall in front of Room 4 is flush with outer face of adjacent walls, the wall above Room 4 projects out in front of the adjacent walls on both sides.
- 2) Lower wall zone of facade in front of Room 4 carries more decorative elements than most Mosaic style buildings, which tend to have plain lower wall zones.
- 3) Both medial and cornice moldings are higher than typical moldings on Mosaic style buildings, which reduces the height of the upper wall zone between.
- 4) The three dimensional anthropomorphic stone figures which once enlivened the upper wall zone are most unusual, since figurative sculpture of any kind is very rare on typical Mosaic style buildings elsewhere.
- 5) Medial moldings above doorways of adjacent rooms, both sides, have five members, with a row of diamonds just above a narrower lower member. Upper three members same as for Room 4.



PLAN - Structure 1 (Main Palace)

SITE CHUNHUB

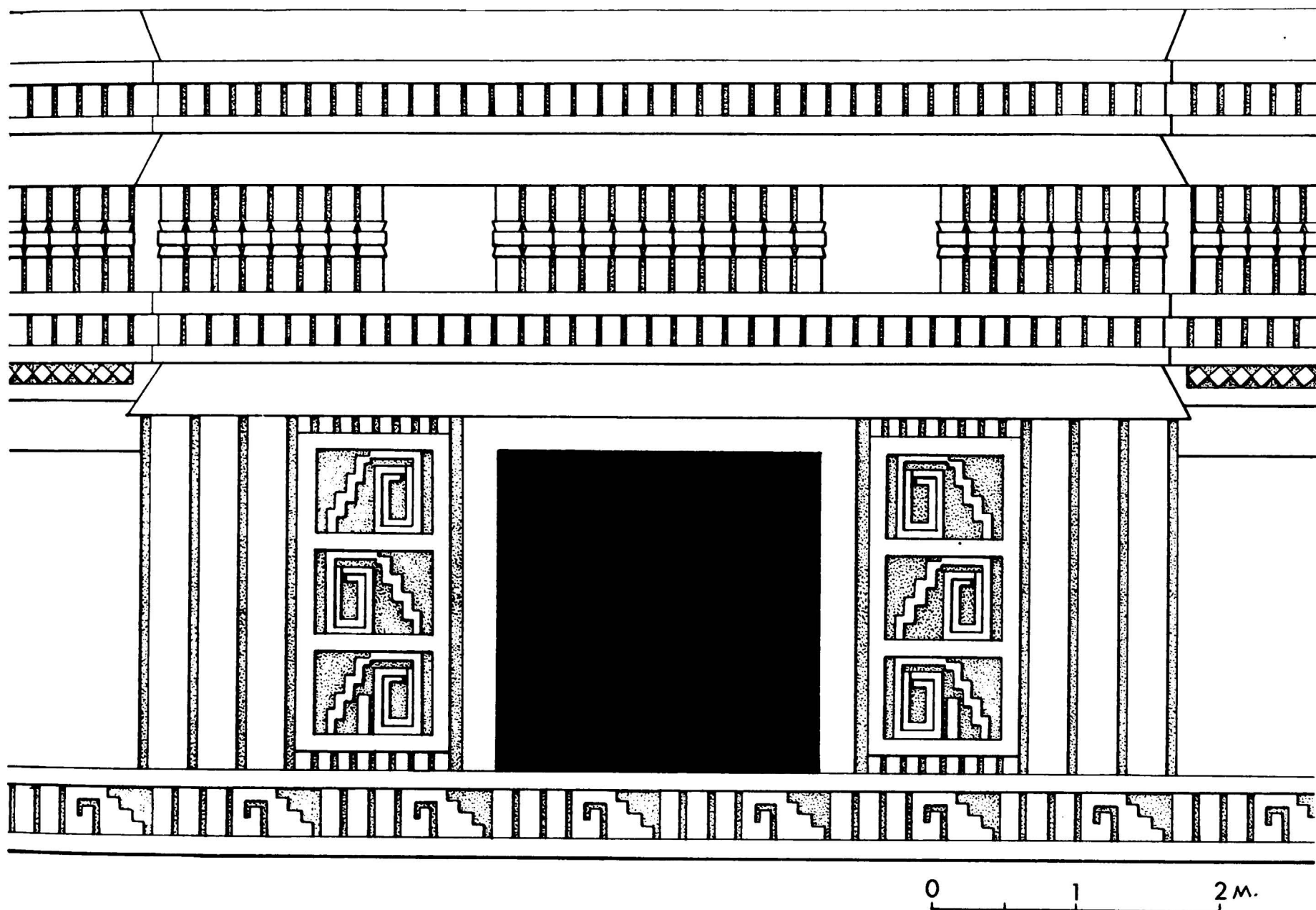
LOCATION CAMPECHE - CII

DATE 3/11/83

BUILDING STR. 1 - Main Palace

DRAWING Detail of Ent. To Room 4

NO. P/CII/5



SITE: CHUNHUHUB

NUMBER:16Qd(10)153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 2

DIMENSIONS:

Length: 6.15 m.

Width: 2.55 m.

WALLS:

Height: 2.13 m. (approx.) floor to springline.

Thickness: Dividing wall to Room 3 is .61 m. thick at doorjamb.

Stonework: Walls faced with good-sized well-cut veneer-type blocks.

Doorways: Doorway to Room 3, 1.16 m. wide. .53 m. bottom of lintel to springline. Stone lintel .23 m. thick.

Rod Sockets: None.

Cordholders: Small finger-type cordholder above center of doorway lintel. Finger-type cordholders high and low, both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: Large bench against rear (east) wall with step in front. Bench is 2.03 m. deep. Step in front .39 m. deep.

Other: Floor of this room raised about .53 m. above floor of Room 3.

VAULTS:

Springline Offset: .11-.12 m.

Height: 1.71 m. springline to bottom of molding below capstone.

Form: Vault faces have moderate curvature.

Stonework: Vault faced with well-cut, boot-shaped stones, set in even courses.

Capstones: Capstone span .46 m. (approx.). Molding below capstone .10 m. high.

Crossbeams: No data.

OBSERVATIONS: Room is nearly intact.

Room 1 - No data - completely fallen.

SITE: CHUNHUHUB

NUMBER: 16Qd(10):153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 3

DIMENSIONS:

Length: 4.71 m.

Width: 2.82 m.

WALLS:

Height: 2.50 m. floor to springline.

Thickness: Exterior wall .62 m. thick at doorjamb.

Stonework: Walls faced with well-cut, veneer-type blocks.

Doorways: Exterior doorway 1.51 m. wide. Stone lintel above, about .30 m. thick. .53 m. bottom of lintel to springline.

Rod Sockets: None.

Wall Openings: None.

Platforms: None, but see detail of raised floor to Room 2.

Other: Three-member molding over doorway to Room 2; overall height .54 m..
See section for details.

VAULTS:

Springline Offset: About .08 m.

Height: 1.89 m., springline to bottom of capstone molding.

Form: Vault faces have straight sides.

Stonework: Vault faced with 7 courses of well-cut, wedge to boot-shaped stones.

Capstones: Capstone span varies - .40-.46 m.

Crossbeams: Single crossbeams near ends of room at vault springline.
Additional crossbeams above - no data on these.

OBSERVATIONS: Molding over doorway in north end wall is very unusual, as are colonnettes adjacent to stairway to Room 2.

SITE CHUNHUHUB

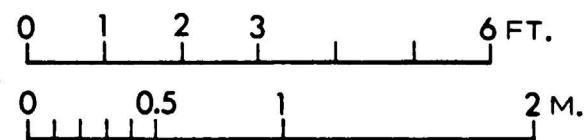
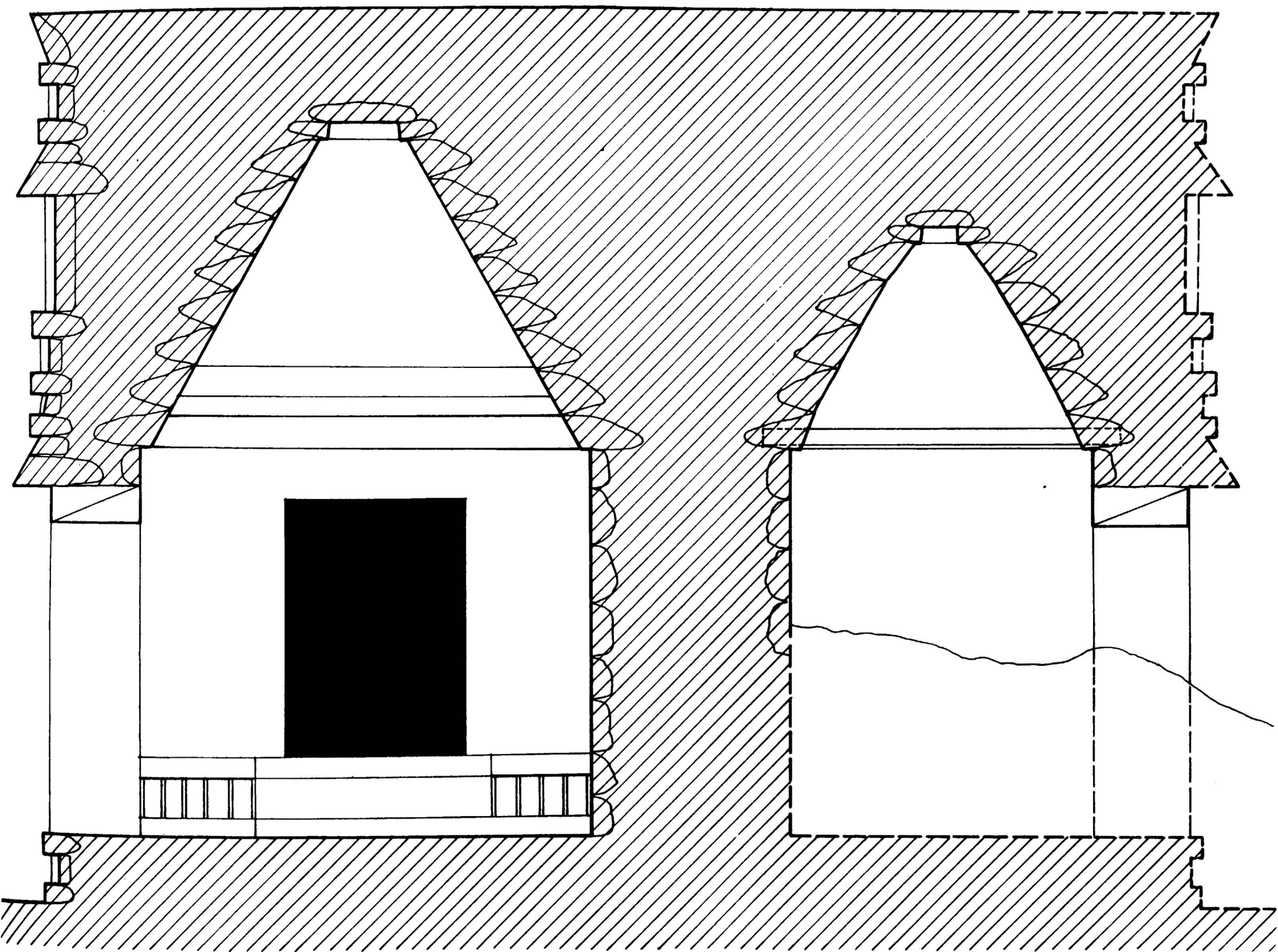
LOCATION Campeche

DATE 3/11/83

BUILDING Str. 1

DRAWING Section - Rooms 3+8

NO. C/11/3



SITE: CHUNHUHUB

NUMBER:16Qd(10):153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 4 (Outside Room)

DIMENSIONS:

Length: 6.33 m.

Width: 2.44 m.

WALLS:

Height: 2.58 m, floor to springline.

Thickness: Exterior wall, .56 m. thick at doorjamb. Dividing wall to rear room (Room 5) .63 m. thick.

Stonework: Same as in other exterior rooms.

Doorways: Exterior doorway 2.18 m. wide.

Rod Sockets: No data.

Cordholders: Three finger-type cordholders both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: None.

Other: Stairway with four risers in doorway, rear wall. See details.

VAULTS:

Springline Offset: About .11 m.

Height: 1.75 m., springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 7 courses of well-cut, wedge to boot-shaped stones.

Capstones: Capstone span about .38 m.

Crossbeams: Single crossbeams near both ends of room, just below springline. Additional crossbeams about .46 m. below capstone molding at quarter points, and four crossbeams just below capstone molding.

SITE: CHUNHUHUB

NUMBER: 16Qd(10) 153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 5 (Rear Room)

DIMENSIONS:

Length: 6.30 m.

Width: 2.33 m.

WALLS:

Height: 2.27 m., floor to springline.

Thickness: Dividing wall to outer room .63 m. thick.

Stonework: Walls faced with 8 courses of well-cut, veneer-type blocks.

Doorways: Doorway to outer room 2.05 m. wide. Lintel above .34 m. thick, .43 m., bottom of lintel to springline.

Rod Sockets: None.

Cordholders: Finger-type cordholders high and low, both sides of doorway.

Rings: None.

Wall Openings: Niche in north end wall, .53 m. high, 1.29 m. wide at back, .43 m. deep. Bottom of niche .58 m. above floor. Jambs are .17 m. deep, .025 offset.

Platforms: None.

Other: a) Stone "foot" high in north end wall. b) Floor of this room raised .71 m. above floor of outer rooms.

VAULTS:

Springline Offset: .07-.08 m.

Height: 1.42 m. springline to bottom of capstone molding.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 6 courses of well-cut, boot-shaped facing blocks.

Capstones: Capstone span about .40 m.

Crossbeams: Pairs of crossbeams near both ends of room, just below springline. Additional crossbeams at third points of room, .91 m. to center above springline. Three crossbeams just below capstone molding, near ends of room and at center.

SITE: CHUNHUHUB

NUMBER:16Qd(10):153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 6

DIMENSIONS:

Length: 6.09 m.

Width: 2.69 m.

WALLS:

Height: 2.58 m. (approx.), floor to springline.

Thickness: Exterior wall .58 m. thick at doorjamb.

Stonework: Walls faced with well-cut, veneer-type blocks.

Doorways: Exterior doorway 1.82 m. wide.

Rod Sockets: Four rod sockets (2 pairs) near bottom of doorjambs. Lower pair .20 m. above floor, next pair .23 m. above floor.

Cordholders: One finger-type cordholder both sides of doorway, about .30 m. below lintel.

Rings: None.

Wall Openings: Niche in south end wall, .61 m. above floor. Niche is .61 m. high, 1.24 m. wide at back, .46 m. deep. .83 m. to jamb from outside wall.

Platforms: None.

Other: Stone "feet" roughly centered in both ends of room, about .91 m. above springline.

VAULTS: Details similar to those seen in adjacent room.

Crossbeams: Single crossbeams near ends of room, just below springline. Five additional crossbeams in capstone molding.

SITE: CHUNHUHUB

NUMBER: 16Qd(10):153

DATE: 3/11/1983

STRUCTURE E3-1. (Main Palace)

INTERIOR DETAILS: Room 7

DIMENSIONS:

Length: 5.44 m.

Width: 2.87 m.

WALLS:

Doorways: Exterior doorway 1.16 m. wide.

Rod Sockets: Pairs of rod sockets high and low in both doorjambs. Upper sockets .23 m. below lintel, lower sockets .20 m. above floor.

Cordholders: Three finger-type cordholders, both sides of doorway, .78 m. to jambs.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Step in front of doorway to this room - .58 m. deep, 1.24 m. long, .20 m. high.

VAULTS: Details of vault similar to those seen in Rooms 3, 4 and 6.

Crossbeams: Single crossbeams near both ends of room, just below springline. Additional crossbeams .46 m. below capstone molding, at quarter points of room, with three others just below capstone molding.

SITE: CHUNHUHUB

NUMBER: 16Qd(10)153

DATE: 3/11/1983

STRUCTURE E3-1 (Main Palace)

INTERIOR DETAILS: Room 8 (East Side)

DIMENSIONS:

Length: 3.79 m.

Width: 1.95 m.

WALLS: No data recorded - room mostly fallen and filled with debris.

VAULTS:

Springline Offset: No offsets in end walls at springline. Offset in long walls about .07 m.

Height: 1.32 m., springline to bottom of capstone molding.

Capstones: Capstone span .20 m. Molding below capstones .11 m. high.

Crossbeams: Single crossbeams near both ends of room at springline.

OBSERVATIONS: This room much smaller than rooms on west side.

SITE: CHUNHUHUB

NUMBER: 16Qd(10)153

DATE: 3/11/1983

STRUCTURE E3-1 and 2 (East wing, upper level, Main Palace)

INTERIOR DETAILS: Room 9 (added at later date).

DIMENSIONS:

Length: 4.76 m.

Width: 1.60 m.

WALLS:

Height: 2.49 m., floor to springline.

Thickness: East wall .51 m. thick.

Stonework: East wall was originally west exterior wall of Room 10 of Structure E3-2.

Doorways: Doorway in east wall 1.11 m. wide. Stone lintel above, .32 m. thick. Jambs faced with large slabs, full thickness of wall.

Rod Sockets: No data.

Cordholders: No data.

Rings: None.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: No offset at springline, east side. Lowest course of vault stones rests on top of upper edge of lower member of old medial molding of west wall of Structure E3-2, with no offset. Molding .25 m. high.

Height: 1.19 m. springline to bottom of molding below capstone.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 4 courses of wedge-shaped blocks with square faces.

Capstones: Capstone span .55 m. Molding below capstones .10 m. high

Crossbeams: No data.

OBSERVATIONS: This room is secondary to rooms to west (Structure E3-1) and rooms to east of Structure E3-2.

STRUCTURE E3-2

This building, which might also be thought of as the East Wing (upper level) of Structure E3-1, is situated on the upper terrace behind Structure E3-1. It has four rooms, with a pair of central rooms, one behind the other, which open to the south and lateral rooms at each end. At one time, this was a free-standing building but at a later date, its western end was joined to the rear of Structure E3-1 by means of a vaulted space with its long axis parallel to Structure E3-1 (Main Palace). Because of the differences in floor level between the two structures, the upper portion of west wall of the connecting room (Room 9) rests on the roof of the Main Palace (see section). While the entrance to the central rooms on the south side has now collapsed, a large doorway column in the debris in front indicates that the doorway had two openings, formed by a central round column. The entrances to the lateral rooms were on the east and west sides, and the western doorway is still in place, giving access to Room 9.

While little now remains of this building, a small portion of the upper wall zone near the southwest corner is still preserved, showing an unusual profile (see details). My notes say that the vaults of this building were faced with both wedge and boot-shaped stones and that the stonework in general is more massive than the stonework seen in the Main Palace.

SITE: CHUNHUHUB

NUMBER: 16Qd(10): 153

DATE: 3/4/1983

STRUCTURE E3-6 (Adjacent Palace)

GENERAL DESCRIPTION: The building commonly known as the Adjacent Palace, but now shown as Structure E3-6 on new CEMCA map, is a three-room, range-type building which faces west. Stephens (1843) gave length of building as 85 feet (25.91 m.) while Maler (1902) gives 19.12 m. My measurements give total length as 19.09 m. It is joined to the Main Palace (Structure E3-1) at its north end by means of a stairway leading to an upper level terrace behind both Palace structures. A broad terrace extends westward a short distance in front of this building, which overlooks a lower terrace with the completely fallen remains of a long building on top whose axis is at right angles to Structure E3-6 (see plan). Structure E3-6 is extremely well preserved and was consolidated in 1983 by staff members from the Centro Regional de Yucatan, INAH.

ORIENTATION: 274.5 degrees (magnetic), perpendicular to main facade.

EXTERIOR DETAILS: Details below are for west, north, and south facades. Rear facade shows different details.

BASE MOLDING

Form: Four members, with outward sloping member at top. Below are two horizontal members, with decorated central member between.

Size: Overall height .76 m. Upper member .27 m. high. Horizontal member below .11 m. high.

Projection: About .07 m. at top.

Decoration: Next to lowest member decorated with small stepped frets, alternating with groups of colonnettes.

LOWER WALL ZONE:

Height: 2.27 m., top of base to bottom of medial molding.

Stonework: Wall faced with 4 courses of well-cut, large veneer-type blocks.

Thickness: Front wall .66 m. thick at doorjamb.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Faced with large slabs, full thickness of wall.

Lintels: Stone lintels, .35 m. thick.

MEDIAL MOLDING:

Form: Five members with apron-type members top and bottom. Central portion has narrow rectangular members above and below with row of colonnettes between.

Size: Overall height .99 m. Lower member .34 m. high, upper member .23 m. high. Rectangular member about .11 m. high.

Projection: .30 m. at bottom.

Decoration: Continuous colonnettes in central member. Group of 3 colonnettes inset in lower member, just below horizontal member next to bottom.

UPPER WALL ZONE:

Height: .81 m., top of medial molding to bottom of cornice.

Stonework: Plain areas faced with 2 courses of large, veneer-type blocks.

Decoration: Facade filled with stepped frets, flanked by colonnettes, with spools top and bottom. Frets alternate with plain areas and groups of colonnettes. Special "geometric mask" over doorway to north room (Room 1).

Other: Projecting stones in plain areas which were probably used to support stone or stucco figures, 8 figures in all.

CORNICE:

Form: Five members, same as medial molding.

Size: Overall height uncertain - upper members fallen.

Projection: About .20 m. at bottom.

Decoration: Lower member has groups of 3 inset colonnettes, alternating with plain areas. Continuous row of colonnettes in central member.

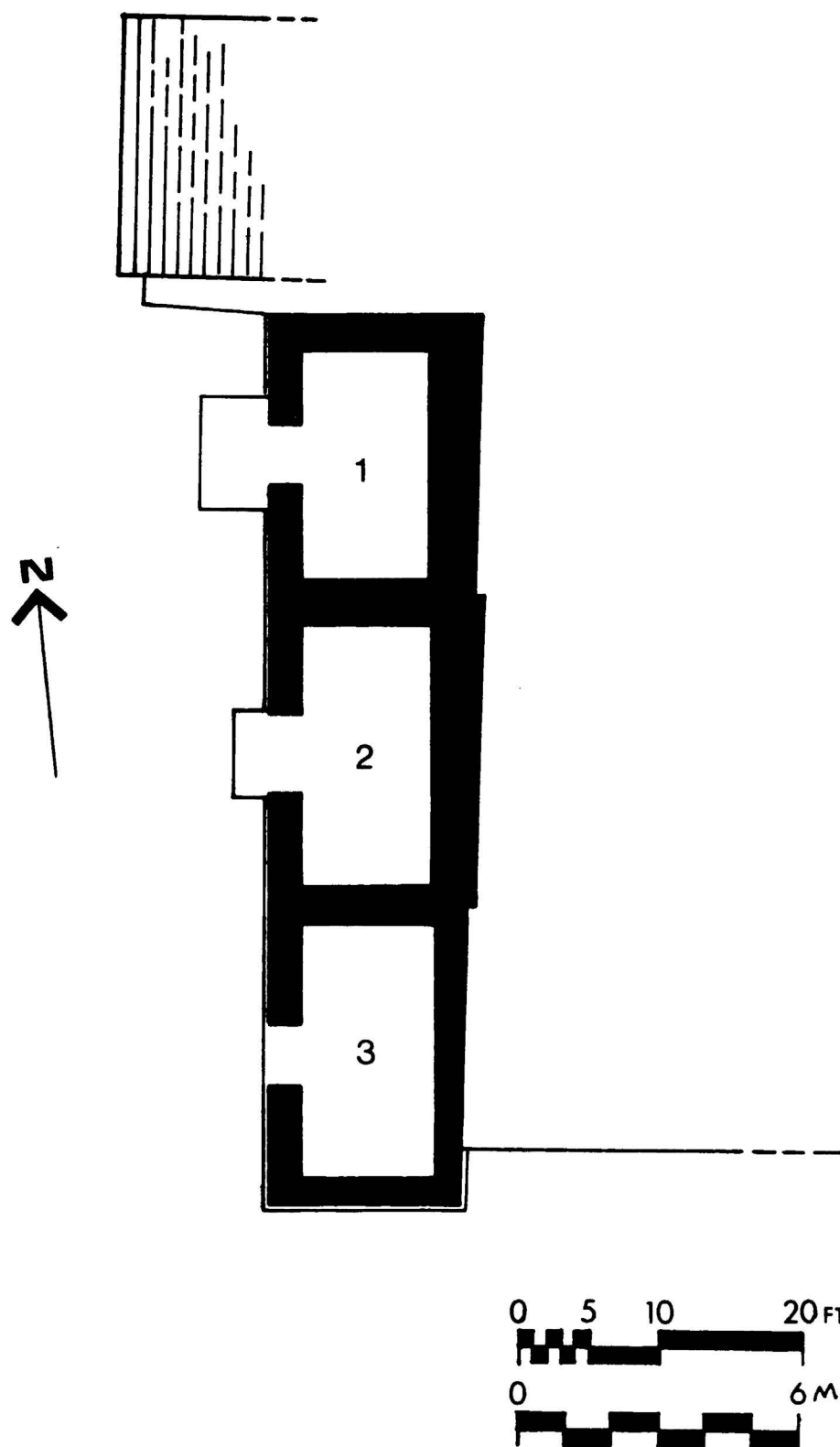
ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Classic Puuc Mosaic style.

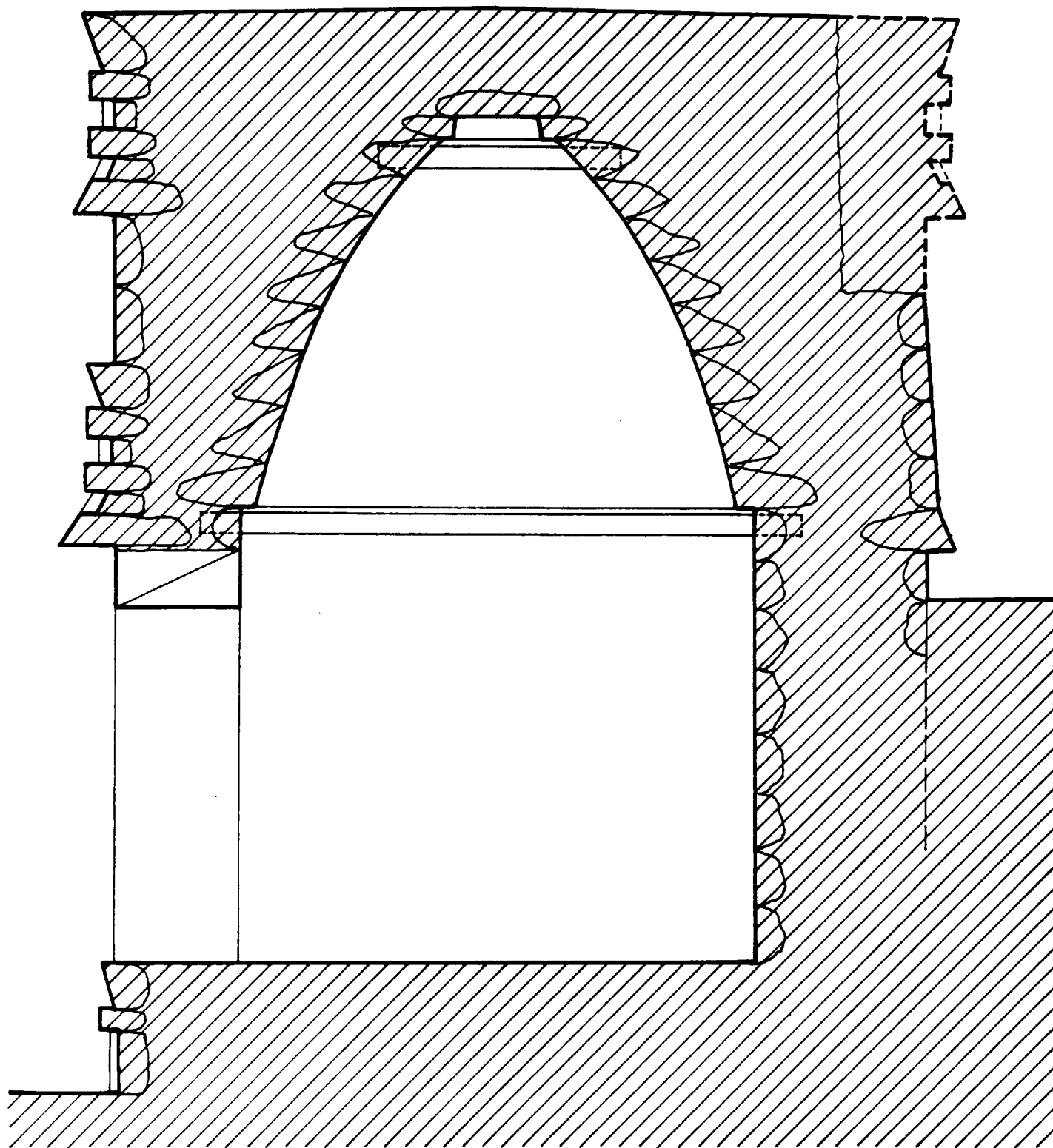
COMMENTS: Medial and cornice moldings, both of which have five members, are

unusual as typical moldings on Mosaic style buildings elsewhere have only three or four members. Moldings disproportionately high in relation to height of upper wall zone.

SITE CHUNHUHUB LOCATION CAMPECHE - CII DATE 3/11/83
BUILDING STR. 2 - Adj. Palace DRAWING PLAN NO. P/CII/C



SITE CHUNHUHUB LOCATION Campeche - C11 DATE 3/11/83
BUILDING Str. 2 Adj. Pal. DRAWING Section - Room 2 NO. P/C11/7



0 1 2 3 6 FT.
0 0.5 1 2 M.

SITE: CHUNHUHUB

NUMBER: 16Qd(10):

DATE: 3/11/1983

STRUCTURE E3-6 (Adjacent Palace)

INTERIOR DETAILS: Room 2

DIMENSIONS:

Length: 5.56 m. (approx.)

Width: 2.81 m. at doorjamb.

WALLS:

Height: 2.44 m. (approx.)

Thickness: Front wall, .66 m. thick at doorjamb.

Stonework: Walls faced with small blocks, only moderately well-dressed.

Doorways: Exterior doorway 1.71 m. wide. Stone lintel above, .35 m. thick.

Rod Sockets: Single rod sockets high in both doorjamb, with 2 below.

Cordholders: Three finger-type cordholders both sides of doorway.

Rings: None.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: About .07 m.

Height: 1.98 m. (approx.) springline to bottom of molding below capstones.

Form: Vault faces have moderate curvature.

Stonework: Vault faced with 8 courses of wedge to boot-shaped stones.

Capstones: Capstone span .49 m. Molding below .10 m. high.

Crossbeams: Single crossbeams near ends of room just below springline.

Additional crossbeams below capstone molding near ends of room and in center.

OBSERVATIONS: Details of Rooms 1 and 3 very similar to those seen in Room 2.

Dimensions given below:

Room 1 - Length 4.92 m., width 2.74 m. at doorjamb.

Room 3 - Length 5.56 m., width 2.89 m. at doorjamb.

STRUCTURE E3-10

Structure E3-10 is now represented by a long, narrow pile of debris, about thirty-nine meters in length which is found on a terrace (at a lower level) extending westward from the south end of the terrace supporting the Main Group. The remains of a monumental stairway, now fallen, can be seen at the northern edge of the lower level terrace (see map). It seems fairly clear, from many large stones visible in the debris, that this structure represents the remains of a long, range-type building with a single row of rooms; along what would have been the front wall, are a series of large slabs, representing the remains of doorjambs and lintels, as well as sections of round doorway columns. Long, three-quarter round stones are found near the northwest and northeast corners, which appear to have corner columns.

There is good reason to assume that this building was never finished as there are no specialized vault stones in the debris and there is actually insufficient debris to represent the remains of fallen masonry vaults. It might be assumed that construction on this building ceased at the time the site was abandoned.

WEST ACROPOLIS (Temple Group)

Maler (1902:212) referred briefly to an architectural complex west of the Main Palace which he called the Main Temple. According to Maler, "only a few portions of the terrace walls and stories of this edifice are left". I examined this complex in 1983 and found it to be an acropolis-like aggregation of structures on the northern face of a natural hill which had been terraced into several levels. Several additional smaller structures could be seen south of the main rooms on the uppermost level. This complex is now shown as Structures 1-9 in square B3 of the new CEMCA map and also includes Structure 3 of the adjacent square C3. While most of the rooms on all levels are now badly fallen, there are several partly standing rooms on the lowest level and others on the upper level (see sketch plan). Only faint traces of what appear to have been rooms on an intermediate level can now be seen (Structure B3-2 on CEMCA map). What little architectural data I was able to record on this complex is given below:

Rooms on Lowest Level:

There appear to have been five rooms in line on an east-west axis near the base of the hill, with two additional rooms projecting northward in front of the central room. Vaults of latter rooms are at right angles to main rooms (see plan). The two end rooms on both sides had doorways opening to the north but only the doorway to Room 2 is still standing, which shows typical classic Puuc details. The central room was entered from the west end of Room 2 through a doorway about .99 m. wide. The most curious feature of the central room is the fact that the springline of the vault on the north side rests on top of what appears to be the lowest member of a medial molding, indicating that the north wall of this room was originally the south exterior wall of the two rooms to the north. While this sequence seems illogical, only excavation will reveal the actual construction sequence of this set of rooms.

Rooms on Upper Level:

The rooms on the upper level have now mostly collapsed and only bits and pieces of walls and vaults are still standing. This group of rooms is shown as Structure B3-3 on the new CEMCA map. My sketch plan should be taken as only an indication of what this building might have been like as there are undoubtedly errors in the number of rooms and their arrangement. Stonework employed in walls and vaults strikes me as essentially late classic Puuc in character but I noted in one of the rooms that there was no offset in the end wall at vault springline, a detail which normally is found only in the earlier Puuc styles. I have no data whatever on Structures B3-4 to B3-9.

FIRST CASTILLO: I have no data on this group. See Maler (1902:) and Pollock (1980:405) for description.

SECOND CASTILLO: See separate description of this structure, elsewhere in present report.

THIRD CASTILLO: This group is now called Xpostanil, and from my point of view, should not be considered as being an outlying part of Chunhuhub as it is just too far from Main Center, which cannot even be seen from highest point of Xpostanil. See separate description under Xpostanil elsewhere in present report.

SITE CHUNHUB

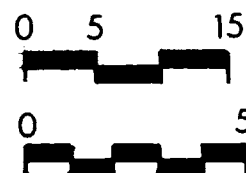
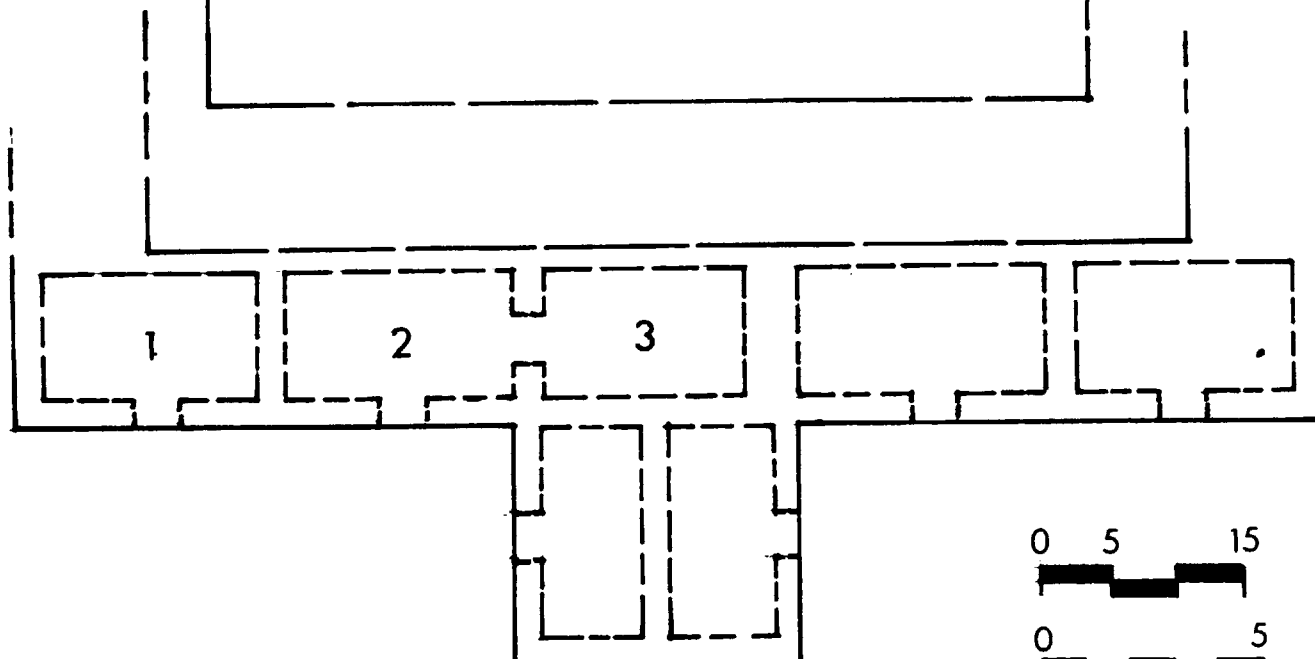
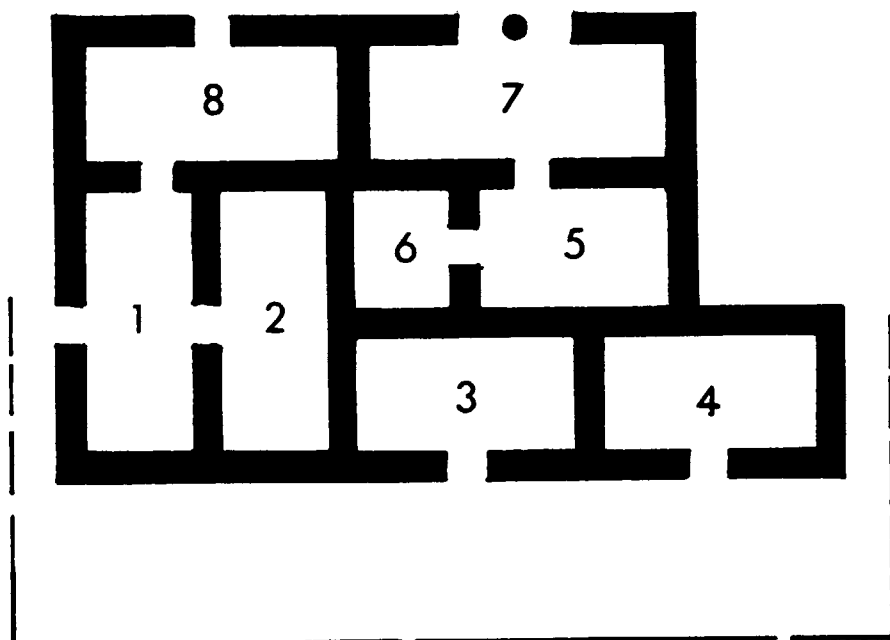
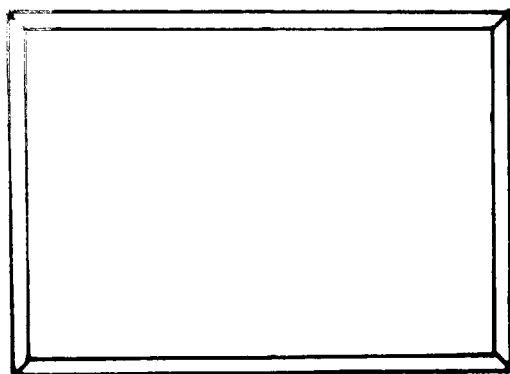
LOCATION CAMPECHE - CII

DATE 3/11/83

BUILDING STR. C

DRAWING SKETCH PLAN

NO. P/CII/10



SITE CHUNHUHUB, 2nd CASTILLO C12

BACKGROUND: Stephens (1843) was the first person to report on the ruins of Chunhuhub. Maler (1902) described the main buildings of Chunhuhub which are located in the savanna of Chunhuhub, as well as several outlying groups which he called the 1st, 2nd, and 3rd Castillos. Pollock (1980) mentions the 2nd Castillo but did not visit this group himself. I investigated this group in 1983 and my notes refer to the badly fallen building first described by Maler. While the main buildings of Chunhuhub can be seen clearly from this group, I am treating it as a separate site for purposes of discussion since I concur with Maler that it should be considered as a suburban outpost of Chunhuhub.

SITUATION: The site occupies the top of a high hill which is about 1 km north-northwest of the main building of Chunhuhub.

TOPOGRAPHY: While the savanna of Chunhuhub south of the hill supporting the 2nd Castillo is very flat, the hill supporting this building is quite high and there are numerous hills to the north, west and east.

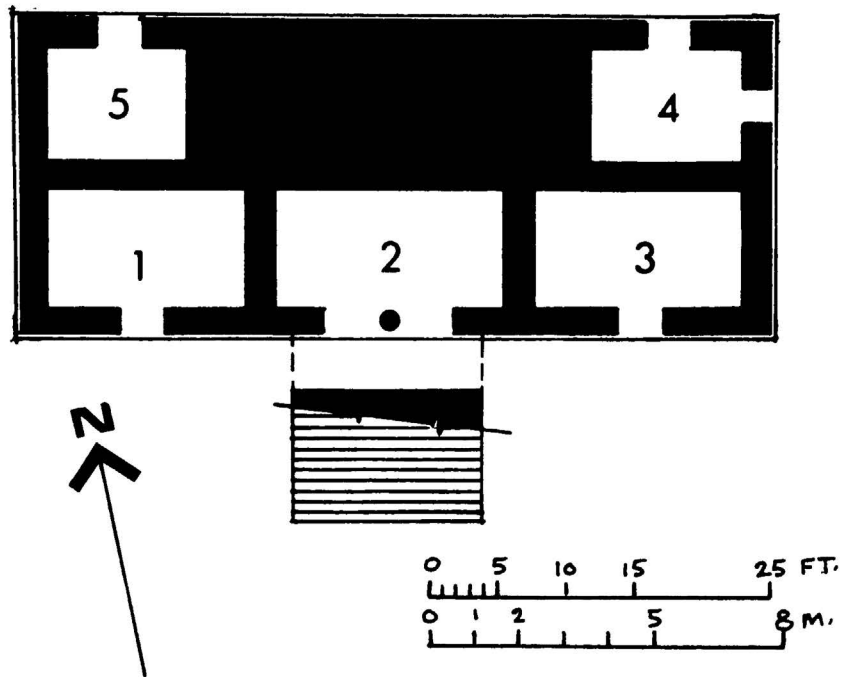
WATER SUPPLY: We did not observe any natural or man-made water resources near this building.

MAPS: See sketch map of main buildings of Chunhuhub.

SIZE: Very small. Site appears to consist of a single building with adjacent terraces.

CIVIC PLAN: Too small to be described in terms of a formal plan arrangement. Stairway on south side of main building (Structure 1) with room behind stairway. Lack of debris on upper level leads me to believe that there were no vaulted rooms on the upper level.

SITE CHUNHUB LOCATION CAMPECHE -C12 DATE 3/6/83
BUILDING 2ND CASTILLO DRAWING PLAN NO. P/C12/1



SITE CHUNHUB

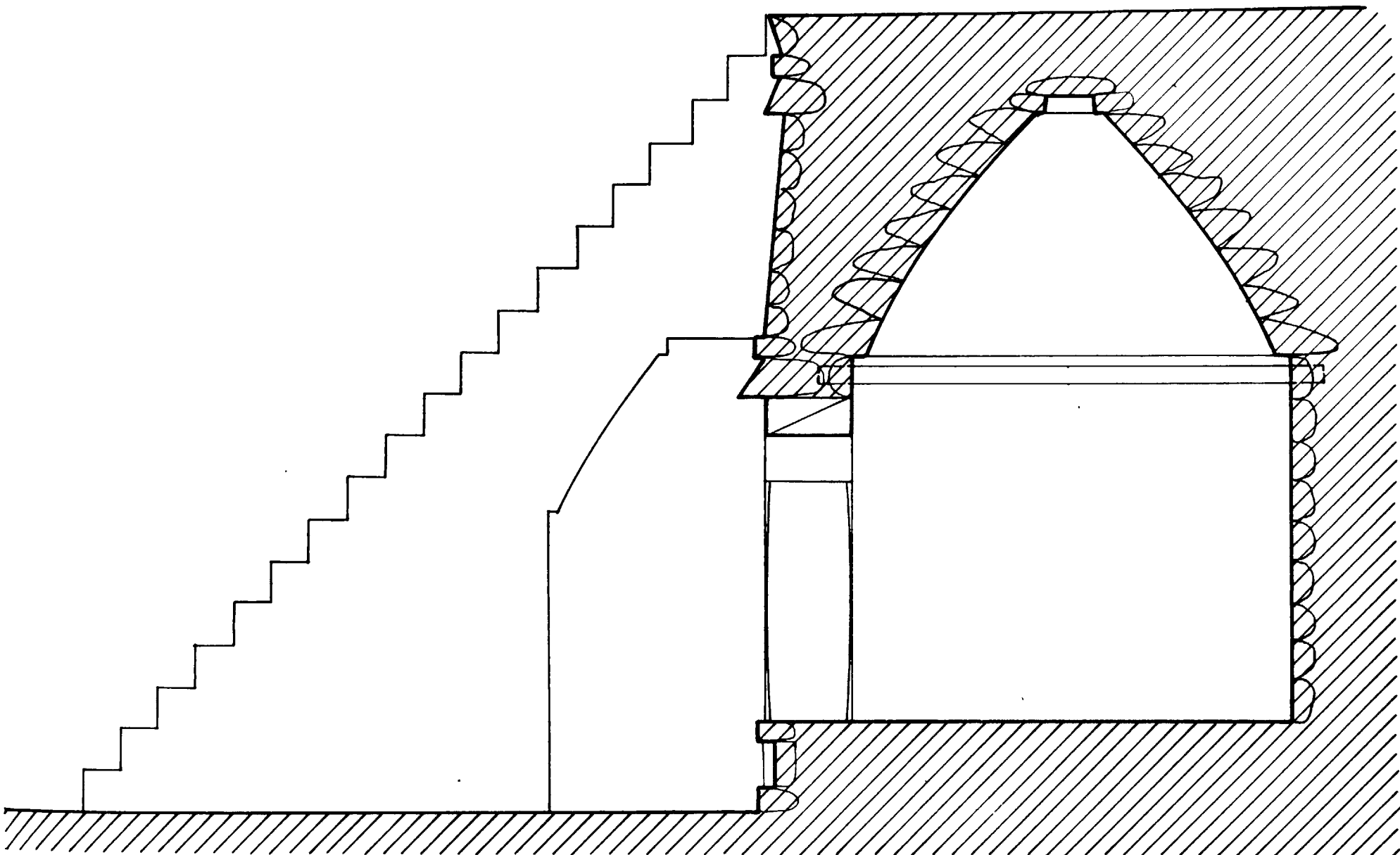
LOCATION CAMPECHE-C12

DATE 3/6/83

BUILDING 2ND CASTILLO

DRAWING SECTION- ROOM 2

NO. P/C12/2



0 1 2 3 4 5 6 FT.

0 0.5 1.0 2.0 M.

SECOND CASTILLO, STRUCTURE 1

GENERAL DESCRIPTION: Maler's Second Castillo of Chunhuhub, here called Structure 1, is situated on a high hill about one kilometer north-northwest of the Main Group at Chunhuhub. The building has five rooms; three rooms in front with two rooms behind. The rear rooms, which open to the north, are separated by a solid core which is directly behind the central room in front (see plan). A broad stairway on the south side, with a vaulted passageway below, leads to the roof but the lack of debris at this level suggests that any planned upper level room was never built.

ORIENTATION: 194 degrees (magnetic), perpendicular to front wall.

EXTERIOR DETAILS: Details below are for south facade of Rooms 1-3.

BASE MOLDING

Form: Uncertain - only upper portion of upper member now exposed.

Projection: About .037.

LOWER WALL ZONE:

Height: 1.95 m., top of base molding to bottom of medial molding.

Stonework: No data.

Thickness: .53 m. at doorjamb.

Decoration: None.

DOORWAYS: Doorways to Rooms 1, 3, 4 and 5 now fallen - no data. Doorway to Room 2, which is 2.97 m. wide overall, has round column with squarish capital in center.

Shape: Rectangular. Round columns .53 m. in diameter at thickest point. Capitals are .27 m. high, .61 m. wide and .53 m. deep.

Jambs: Faced with large slabs, full thickness of wall. Offsets at upper part of jambs same height as column capitals.

Lintels: Stone lintels, .23 m. thick.

MEDIAL MOLDING:

Form: Two members. Apron-type lower member with rectangular member above.

Size: Overall height .35 m. Lower member .23 m. high, upper member .12 m.

Projection: About .15 m. at bottom.

Decoration: None.

UPPER WALL ZONE:

Height: 1.34 m. top of medial molding to bottom of cornice.

Stonework: Wall faced with squarish, veneer-type blocks, moderately well-cut.

Decoration: None - wall is plain.

Other: Wall slopes inward .10-.13 m. from bottom to top.

CORNICE:

Form: Probably 3 members, although only 2 lower members are still in place.

Size: Lower 2 members .35 m. high total.

Projection: About .12 m.

Decoration: None.

ROOF STRUCTURE: None. Stairway in front of Room 2 leads to roof but lack of debris suggests that planned upper level room was never built.

ARCHITECTURAL STYLE: Classic Puuc Intermediate style.

COMMENTS: Buildings in Puuc Intermediate style carry no decorative elements of any kind. Otherwise, they have architectural and construction features similar to those seen in both Colonnade and Mosaic style buildings.

SITE: CHUNHUHUB

NUMBER: 16Qd(10): 153

DATE: 3/6/1983

SECOND CASTILLO, STRUCTURE 1:

INTERIOR DETAILS: Room 2 (Central Room)

DIMENSIONS:

Length: 5.14 m.

Width: 2.66 m.

WALLS:

Height: 2.21 m., floor to vault springline.

Thickness: Exterior wall .53 m. thick at doorjamb.

Stonework: Walls faced with 9 courses of small blocks, moderately well finished.

Doorways: Round column with rectangular capital centered in doorway. Offsets at top of jambs, same height as column capitals.

Rod Sockets: No data.

Cordholders: Small, finger-type cordholders high and low, both sides of doorway.

Rings: None.

Wall Openings: None.

Platforms: None.

Other: Stairway to roof in front of doorway to Room 2. Passageway below stairway, 1.29 m. wide. Passageway covered with half vault and capstone of vault rests on top of medial molding (see detail).

VAULTS:

Springline Offset: .05 m.

Height: 1.47 m., springline to bottom of molding below capstone.

Form: Vault faces have slight curvature.

Stonework: Vault faced with 7 courses of wedge-shaped stones with moderately well-dressed faces.

Capstones: Capstone span .30 m. Molding below capstone .08-.10 m. high.

Crossbeams: Crossbeams near ends of room in first course of stones below springline.

OBSERVATIONS: Rooms 1, 3, 4 and 5 now mostly fallen. No real architectural data. Dimensions are given below:

Room 1

Length: 4.38 m.

Width: 2.66 m. (approx.)

Room 3

Length: About 4.71 m.

Width: 2.66 m. (approx.)

Room 4

Length: 3.49 m.

Width: 2.59 m. (approx.)

Room 5

No data.

Changax m's

SITE: CHUNYAXNIC

NUMBER: 16 Qd (10): 159

DATE: 3/6/1983

BACKGROUND: The ruins of Chunyaxnic were first reported by Maler (1895), who visited the site in March of 1887. His brief description was accompanied by a single photograph of a small, temple type building, the only known building at this site. Case (1910) included a copy of Maler's photo but made no mention of the site in the text. Pollock (1980) included a condensed summary of Maler's description but apparently he did not visit the site himself. I visited the site in March of 1983 and my notes pertain to the small temple building described by Maler.

ETYMOLOGY: "Place of the green blossom tree." Maler (1895) gives YAX = green, NIC, NIOTE = blossom, CHUN = tree trunk, and adds that CHUN is usually used as a prefix in the formation of place names which refer to trees.

SITUATION: The ruins are situated about 3 kilometers northeast of the ejido Chunyaxnic. This places it several kilometers northeast of Halal and about 10 kilometers southwest of the old hacienda Yaxche.

TOPOGRAPHY: The terrain is very hilly in the vicinity of the site and the ruins are situated on top of a very high, dome-shaped hill.

WATER SUPPLY: Unknown. I did not observe any chultunes in the vicinity of the ruins and Maler made no mention of any kind of water resources.

MAPS: None.

SIZE: Very small (Class 6). Maler (1895) mentioned a fallen wall on the south slope of the hill in front of the main building which I did not see. The local native who accompanied me to the site said that there were no other buildings nearby.

CIVIC PLAN: Unknown. The main building (Structure 1) stands on a low terrace with no other structures nearby.

SITE: CHUNYAXNIC

NUMBER: 16 Qd (10): 159

DATE: 3/6/1983

STRUCTURE 1

GENERAL DESCRIPTION: Structure 1 is a small, one-room, temple-type building with a high roof comb over the front wall (fig. 5). The building stands on a low terrace at the top of a very high hill and the single doorway faces south. It is surrounded by dome-shaped hills on all sides and stands in lonely isolation since there are no other buildings or archaeological sites in the immediate neighborhood.

ORIENTATION: Main facade faces south. 188 degrees (magnetic) perpendicular to front wall.

EXTERIOR DETAILS:

BASE MOLDING:

Form: Single member, rectangular molding.

Size: Uncertain; lower portion covered with debris.

Projection: .03 m. at top.

LOWER WALL ZONE:

Height: 1.92 m. (approx.) top of base to bottom of medial molding.

Stonework: Walls faced with 6-7 courses of small blocks, somewhat irregular in size.

Thickness: Front wall .43 m. thick at doorjamb.

Decoration: None.

DOORWAYS:

Shape: Jambs show slight inward slope.

Jambs: Faced with large slabs, full thickness of wall.

Lintels: Stone lintel, about .16 m. thick.

MEDIAL MOLDING:

Form: Single member, rectangular molding.

Size: .17 m. high.

Projection: .12 m. at bottom.

Decoration: Small "break" in lower part of molding above doorway. See photo and detail.

UPPER WALL ZONE:

Height: 1.47 m.

Stonework: Wall faced with 8-9 courses of small blocks with squarish faces. Only moderately well dressed.

Decoration: None.

Other: Face of upper wall steps back slightly from face of lower wall, a detail seen frequently in Early Puuc style buildings.

CORNICE: None.

ROOF STRUCTURE

Description: Single wall, slotted roofcombs at least two tiers high.

Location: Over front wall.

Dimensions: .71 m. thick at base. Lowest tier is .86 m. high.

Decoration: None visible, but probably carried stucco decoration, now fallen.

Stonework: Roofcomb formed with small slabs, only roughly dressed.

ARCHITECTURAL STYLE: Early Puuc style.

COMMENTS: The architectural, decorative, and construction features of Structure 1 are typical for the Early Puuc style, including the "broken" medial molding above the doorway. Except for its much smaller size, it is much like Structure 7 at Sabacche, which exhibits a similar constellation of features.

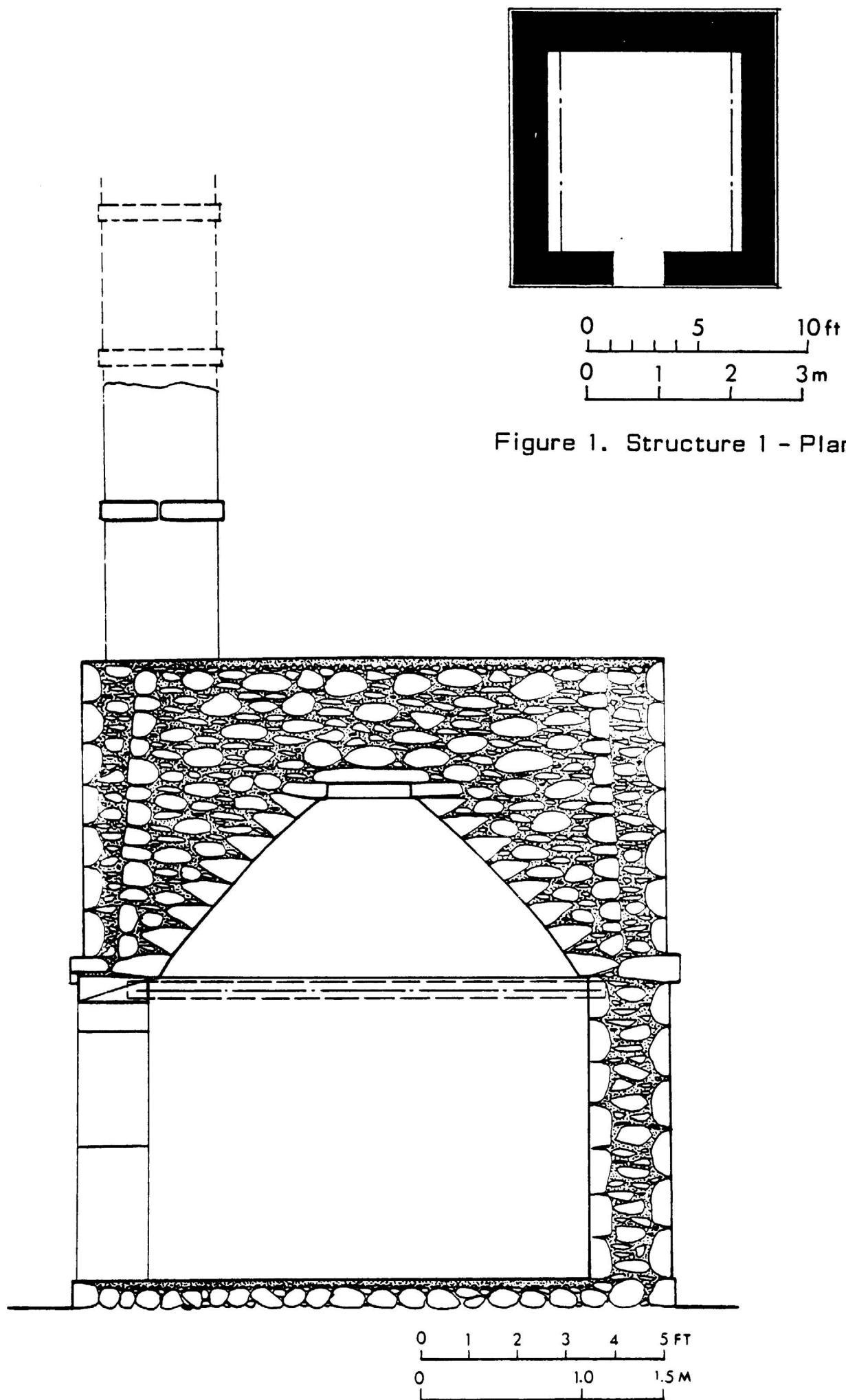
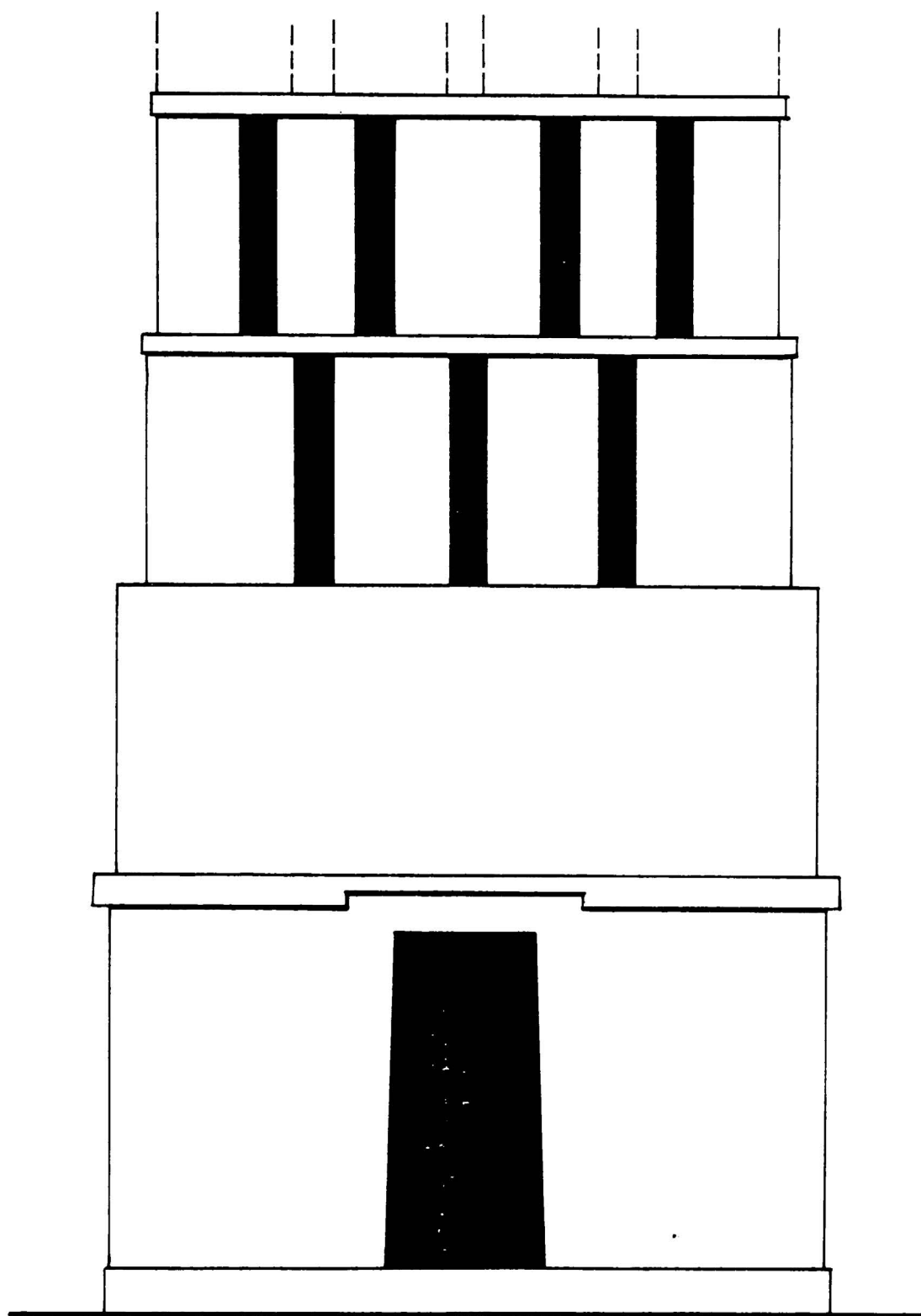


Figure 1. Structure 1 - Plan

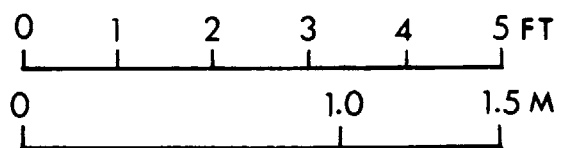
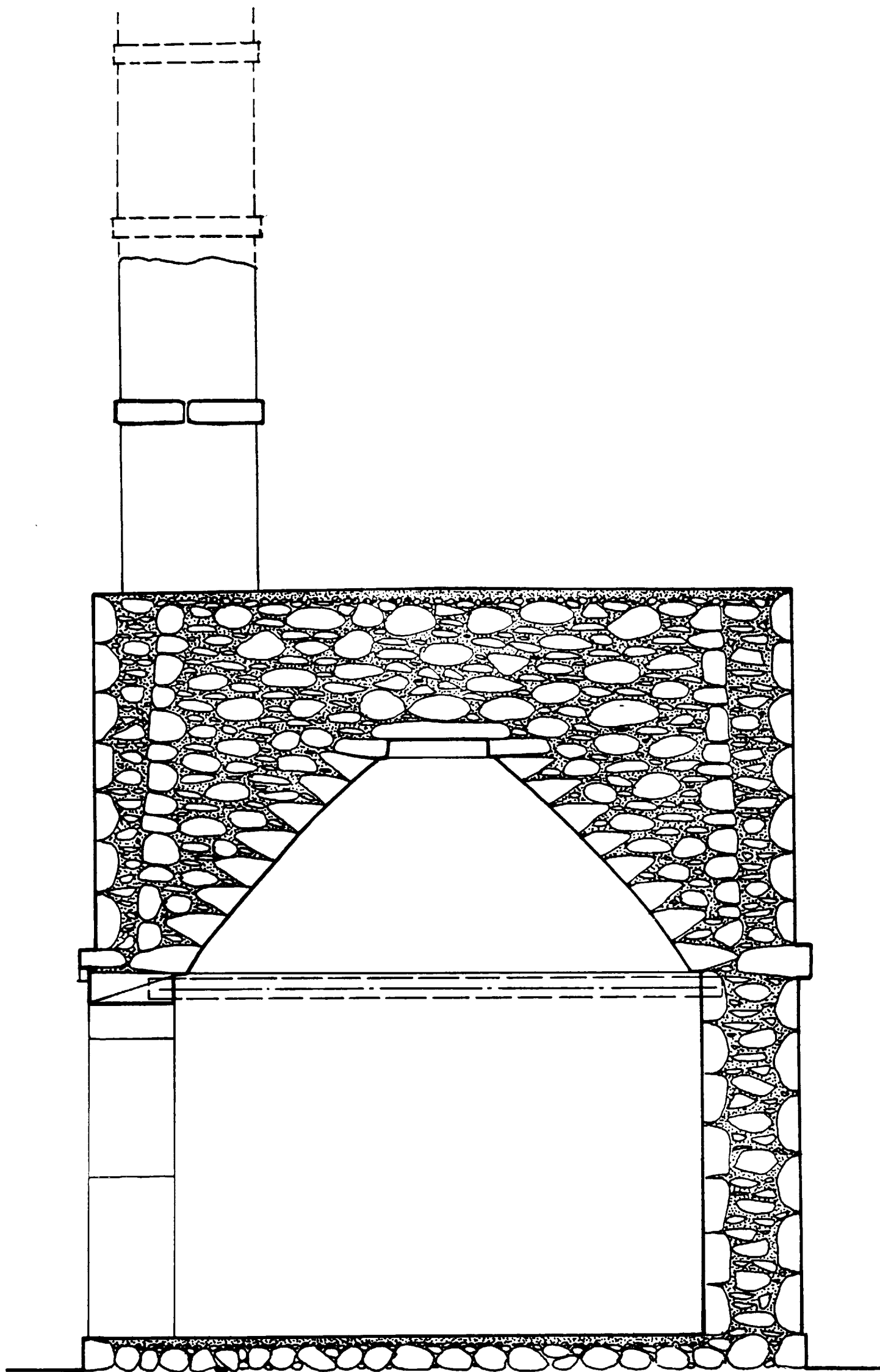
Chun yaxnic
 Site 16 Qd (10): 159
 Structure 1
 G.F. Andrews, 3/6/1983



0 3 6ft

0 1 2m

Chunyaxnic
Site 16 Qd (10): 159
Structure 1
G.F. Andrews, 3/6/1983



Chunyaxnic
Site 16 Qd (10): 159
Structure 1
G.F. Andrews, 3/6/1983

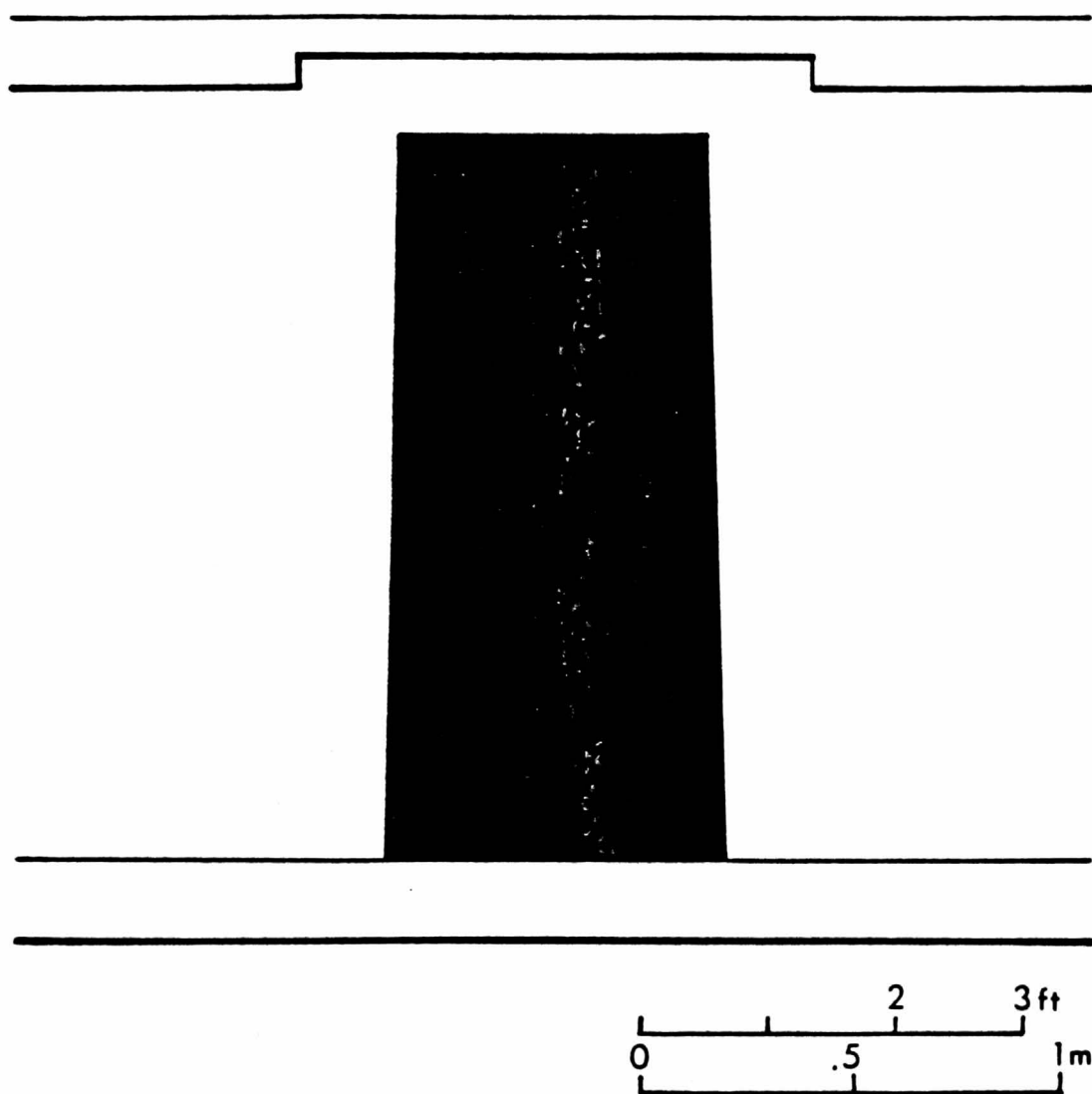


Figure 3. Structure 1. Detail of "broken" molding over doorway.



Figure 4. Structure 1. Lower portion of south facade.

Chun yaxnic
 Site 16 Qd (10): 159
 Structure 1
 G.F. Andrews, 3/6/1983

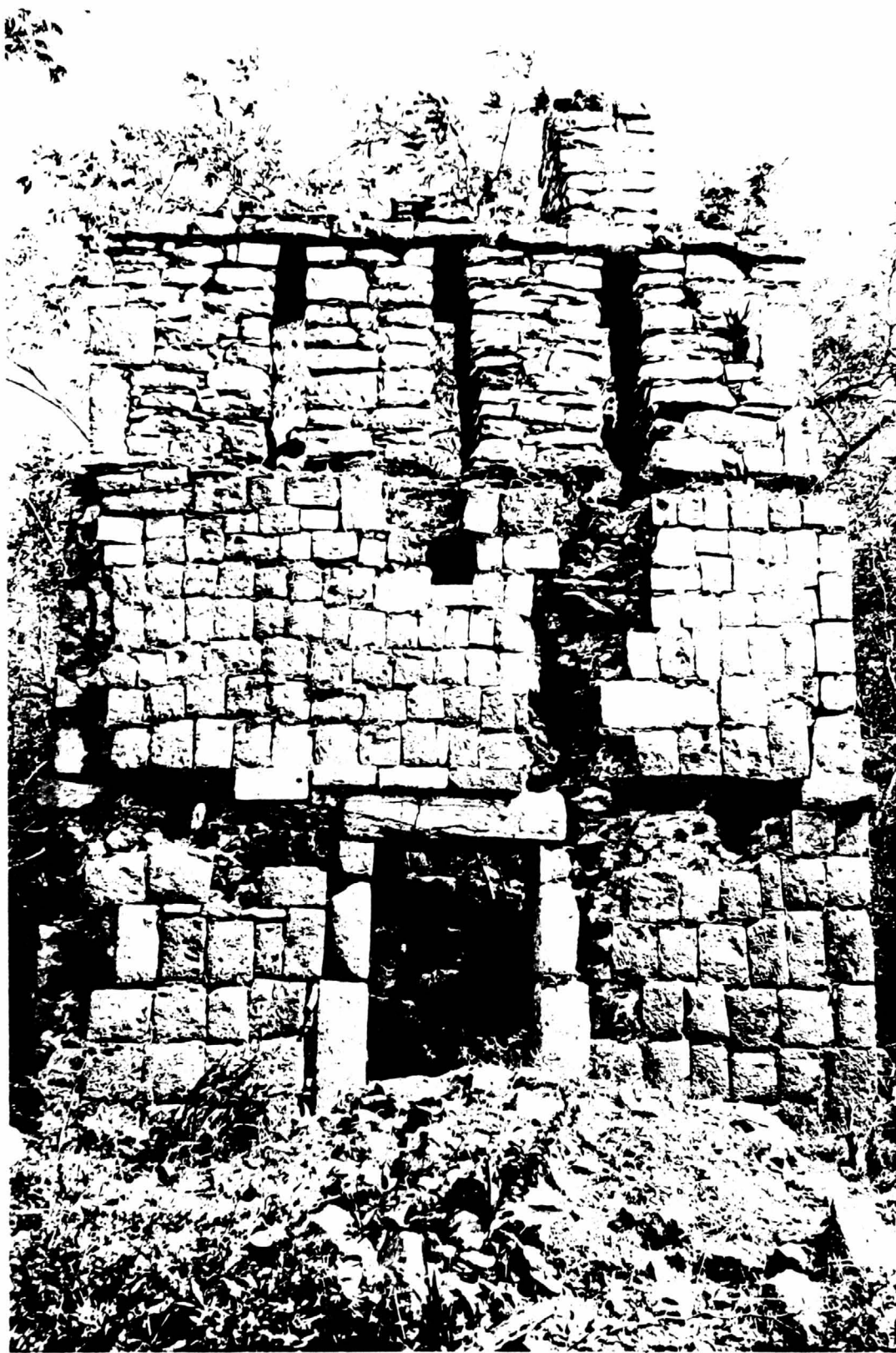


Figure 5. South facade, showing remains of roofcomb.

Chunyaxnic
Site 16 Qd (10): 159
Structure 1
G.F. Andrews, 3/6/1983

SITE: CHUNYAXNIC

NUMBER: 16 Qd (10): 159

DATE: 3/6/1983

STRUCTURE 1

INTERIOR DETAILS:

DIMENSIONS:

Length: 2.74 m.

Width: 2.76 m.

WALLS:

Height: 1.88 m. (approx.) floor to springline.

Thickness: Front wall .43 m. thick at doorjambs.

Stonework: Walls faced with 7-8 courses of small, roughly dressed blocks, fairly irregular in size.

Doorways: .71 m. wide at bottom. Stone lintel above .16 m. thick.

Rod Sockets: None.

Cordholders: None noted.

Rings: None.

Wall Openings: Square holes, about .12 x .12 m. in front wall just below medial molding.

Platforms: None.

Other:

Very small room with no special details.

VAULTS:

Springline Offset: About .05 m. long walls, .03 m. end walls.

Height: 1.11 m.; springline to bottom of molding below capstones.

Form: Vault faces show slight curvature./

Stonework: Vaults faced with 8 courses of small, wedge-shaped blocks about .25 m. deep.

Capstones: Capstone span about .55 m. Molding below capstones .09 m. high.

Crossbeams: Single crossbeams near both ends of room, just below springline.

OBSERVATIONS: Very low vault, even for Early Puuc style buildings.

Cooperative A+B

SITE: COOPERATIVA A & B

NUMBER: 16Qd (10): 18

DATE: 4/7/1984

BACKGROUND Site not mentioned by Pollock (1980) but was recorded in Archaeological Atlas of Yucatan (1980) by Ed Kurjack under number noted above. Antonio Benavides (personal communication) also visited site in early 1980's and kindly supplied me with a diagram showing that the site was connected to nearby site of Nohoch Cep by means of a sacbe. I visited the site in April of 1984 and my notes refer to two separate groups of structures which I called Groups A and B. Dunning (1986, 1987) made a sketch map of Group A and demonstrated clearly that both Groups A and B of Cooperativa were part of the greater Yaxhom connurbation, and reaffirmed the presence of the sacbe system noted earlier by Benavides, including the sacbe connecting Group A of Cooperativa with the Nohoch Cep group.

SITUATION: The site is situated about 1 kilometer west-northwest of the modern ejido of Cooperativa and Group A is about 150 meters southwest of the Ruta Puuc highway. Group B is situated about 250-300 meters south-southwest of Group A.

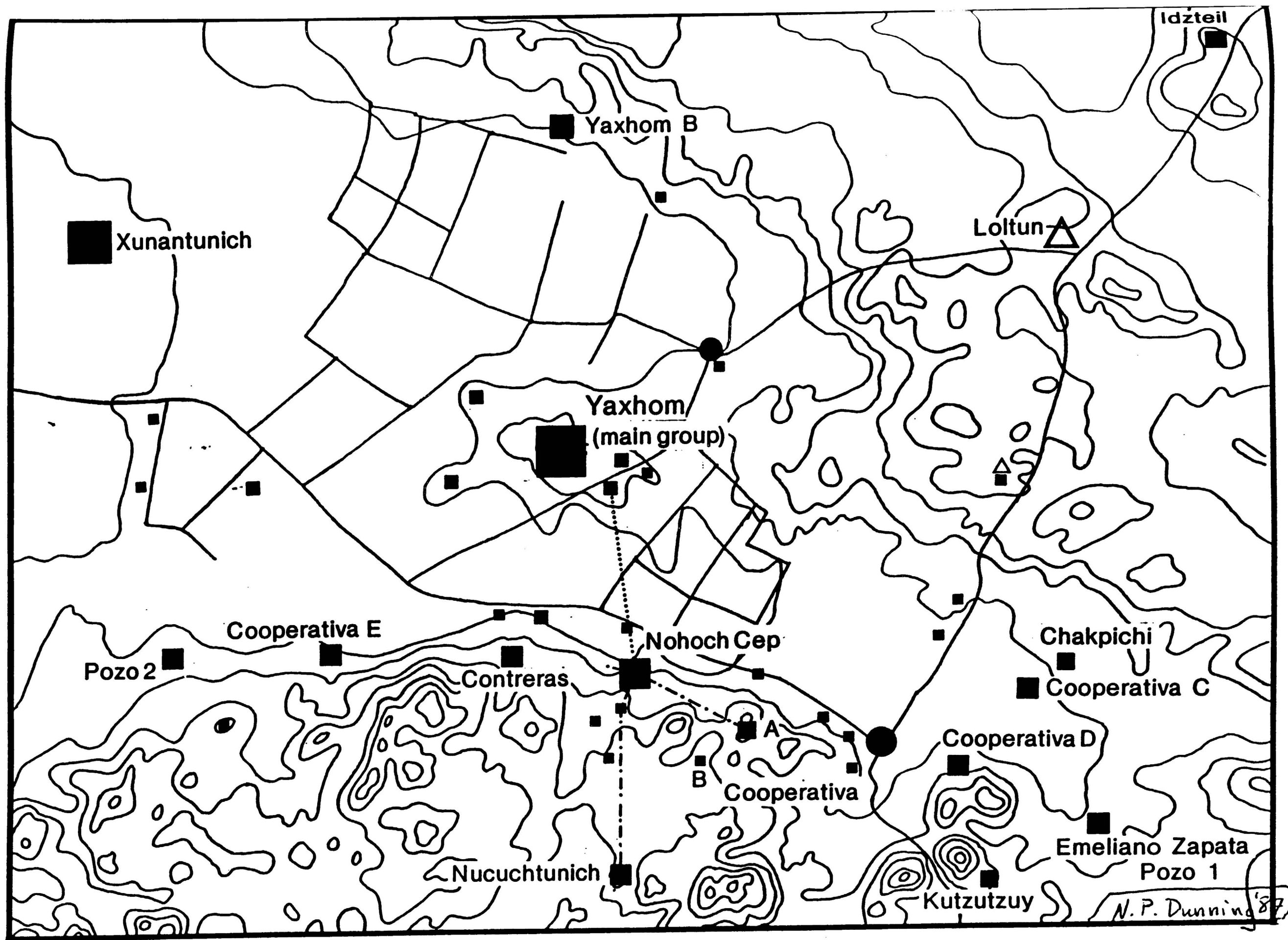
TOPOGRAPHY: Group A is sited on top of a medium high hill while Group B is on more level ground.

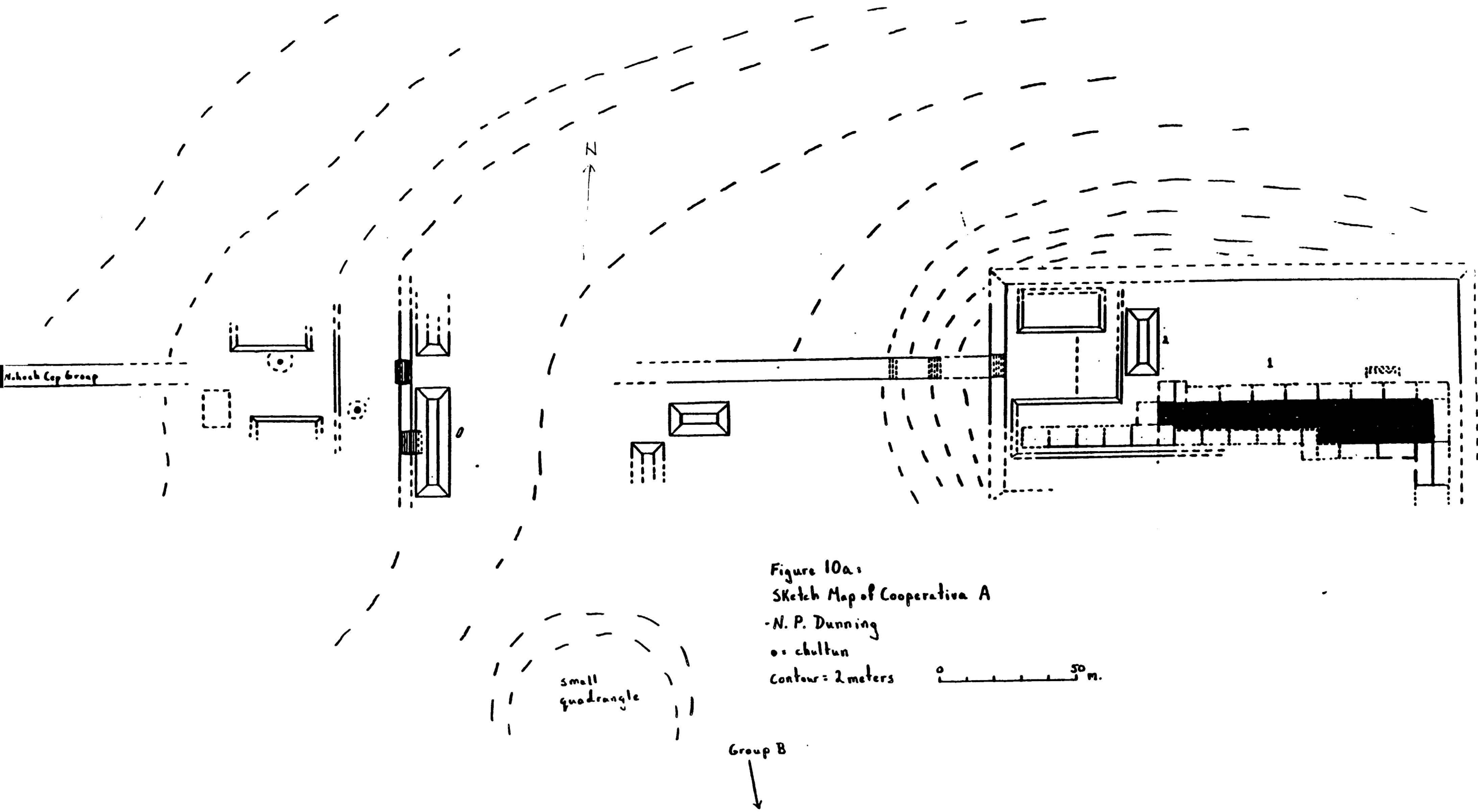
WATER SUPPLY: No natural water resources noted but Dunning map shows several chultuns in terraces adjacent to various buildings in both groups.

MAPS: Sketch map by Dunning (1987) is only known map of site. Copy of this map included with present report.

SIZE: While both Groups A and B are small, they are part of the larger Yaxhom area settlement system, which totally covers an area of more than 8 square kilometers. See Dunning, 1986 and 1987, for further discussion of this point.

CIVIC PLAN: Dunning's sketch map shows that Group A consists of several clusters of structures sited on terraces below, and west of, Structure 1, which stands on terrace at top of hill. The sacbe to Nohoch Cep begins at the western edge of the terrace supporting Structure 1 and continues westward past the structures on the lower terraces. There is no sacbe between Groups A and B and we saw no large mounds in the intervening space, although there are numerous small residential platforms.





GROUP A

Small group situated on medium high hill which has been extensively terraced. As shown on Dunning's sketch map, the main building, Structure 1, stands on a low platform at the top of the hill. Building is now much fallen but had a large number of rooms on at least two levels and long axis running east-west. Sacbe running to Nohoch Cep group begins at western edge of platform supporting Structure 1 and appears to die out about 100 meters to the west where it meets a series of terraces supporting additional mounds and platforms. Sacbe then continues westward from west side of lowest terrace of this group and runs as far as Nohoch Cep group (.65 kilometers approximately).

STRUCTURE 1, GROUP A

GENERAL DESCRIPTION: Large building with main axis running east-west. Complex floor plan with remains of rooms on several different levels. Nine partly standing rooms recorded and buildings probably had at least 30 rooms total, most of which have completely fallen and/or are covered by debris.

EXTERIOR DETAILS:**BASE MOLDING:**

Form: Unknown - covered with debris.

LOWER WALLS:

Height: Unknown; exterior walls mostly fallen.

Stonework: Varies. What little is still exposed shows average to poor workmanship.

Decoration: Unknown; due to advanced state of collapse.

DOORWAYS:

Shape: Those doorways still in place have offsets at top of jambs.

Jambs: Faced with large slabs, full thickness of wall where still exposed.

Lintel: Stone lintels

MEDIAL MOLDINGS:

Form: Medial molding on west side of Room 3 is very unusual. See detail. Single member rectangular molding on south facade of Room 8 and west facade of Room 9. No medial molding on east, west (and south ?) facades of Rooms 5, 6 and 7 since entire sloping upper wall projects out beyond lower wall where medial molding would normally occur.

UPPER WALL:

Height: Upper wall of Rooms 5, 6 and 7 1.21 m. high, to bottom of cornice.

Decoration: Banded colonnette in west facade of Room 3. See photos.

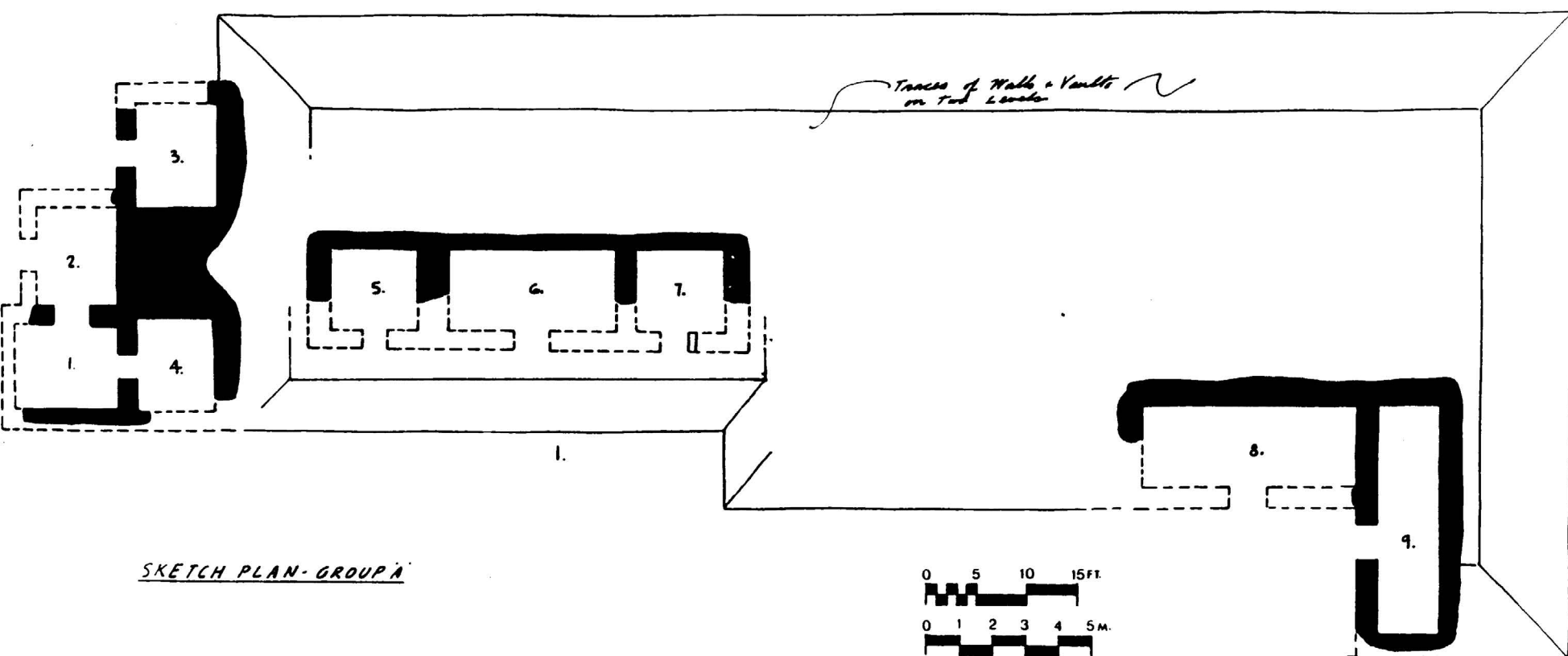
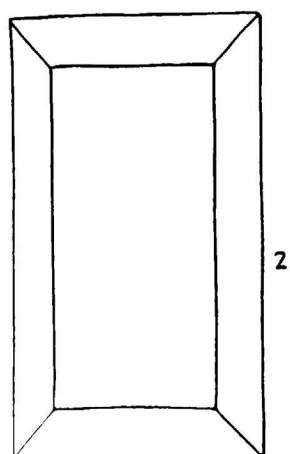
Other: Parts of typical long-nosed masks in debris on north side of mound.

CORNICE:

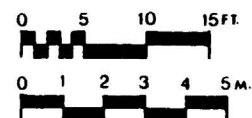
Form: Unknown; none in place.

ARCHITECTURAL STYLE: Classic Puuc Mosaic style. Building probably built in several stages and stylistic features vary for different sets of rooms. Rooms 1-4 carry colonnettes in upper wall while facades of Rooms 5-7 have plain, sloping upper walls. Room 9 seems very early and west facade of this room is executed in Early Puuc style.

SITE COOPERATIVA LOCATION YUCATAN DATE 4/7/84
 BUILDING STR. 1 - GROUP A DRAWING SKETCH PLAN - GROUP A NO. _____



SKETCH PLAN - GROUP A



Cooperativa, Yucatan
 Site 16 Qd (10): 16
 Group A, Structure 1
 G.F. Andrews, 4/7/84

SITE: COOPERATIVA **NUMBER:** 16 Qd (10): 16 **DATE:** 3/27 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS: - Room 1

DIMENSIONS:

Length: 3.35 m.

Width: 2.57 m.

WALLS:

Height: Unknown; room partly filled with debris.

Thickness: Dividing wall to Room 2 is .55 m. thick. Wall to Room 4 is .47 m. thick.

Stonework: Walls faced with small, moderately well dressed veneer-type blocks.

Doorjambs: Faced with large slabs, full thickness of walls. Offsets at top of jambs .20 m. high, .10 m. wide.

Rod Sockets: None noted.

Cordholders: None noted.

Observations: West end wall collapsed.

VAULTS:

Springline Offset: No data.

Height: 1.14 m., springline to bottom of capstones.

Form: Vault faced with 6 courses of wedge-shaped stones; upper course only .15 m. high.

Capstones: Molding below capstones .08 m. high. Capstone span .38 m.

Crossbeams: No data.

Other: .35 m., springline to bottom of lintel of doorway to Room 2; .38 m., Room 4,

S

SITE: COOPERATIVA C16 **NUMBER:** 16 Qd (10): 16 **DATE:** 3/27 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS: - Room 2

SITE: COOPERATIVA **NUMBER:**16 Qd (10): 16 **DATE:** 3/27 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS: - Room 2

DIMENSIONS:

Length and width: Unknown; room mostly fallen.

WALLS:

Height: Unknown; room mostly filled with debris.

Thickness: Wall to Room 1, .55 m. thick at jambs.

Doorway: Doorway to Room 1 is 1.23 m. wide. Lintel above, .24 m. thick.

Rod Sockets: None visible.

Observations: Exterior walls buried in debris.

VAULTS:

Height: Unknown; mostly fallen.

Other: Molding .16 m. high with slight inward slope above lintel over doorway to Room 1. Molding projects .08 m. beyond face of lintel. .43 m. top of molding to bottom of molding below capstones.

Observations: Vault of this room at right angle to Room 1. Two colonnettes in wall above molding over doorway from an earlier facade, which was later covered over when Room 2 was added.

SITE: COOPERATIVA C 16 **NUMBER** 16 Qd (10):16 **DATE:** 3/27 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS: - Room 3

DIMENSIONS:

Length: 3.09 m.

Width: 2.64 m.

WALLS:

Height: Unknown; room partly filled with debris.

Thickness: Exterior wall .53 m. at doorway.

Stonework: Walls faced with 7-8 courses of veneer-type stones - average workmanship.

Doorway: Doorway .91 m. wide. Offsets at top of jamb. .18 m. high, .10 m. wide. Lintel above .19 m. thick.

Observations: North end wall completely fallen.

VAULTS:

Springline Offset: .15 m.

Height: 1.24 m., springline to bottom of molding below capstones.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 5 courses of wedge-shaped stones.

Capstones: Capstone span .55 m. Molding below capstones .12 m. high.

Crossbeams: No data.

Other: .55 m. bottom of lintel to springline.

SITE: COOPERATIVA **NUMBER:**16 Qd (10): 16 **DATE:** 3/27 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS - Room 4

DIMENSIONS:

LENGTH: 2.89 m.

Width: 2.46 m.

WALLS:

Height: Unknown; room partly filled with debris.

Stonework: Facing stones in walls crudely finished.

Doorway: Doorway .76 m. wide. Offsets at top of jambs in doorway to Room 1.

Rod Sockets: None noted.

Cordholders: None noted.

Observations: South end wall fallen.

VAULTS:

Springline Offset: No data.

Height: 1.36 m., springline to bottom of molding below capstone.

Form: Vault faces have slight curvature.

Stonework: Vault faced with 4 courses of wedge-shaped, specialized stones.

Vault stones better finished than wall stones.

Capstones: Capstone span .46 m. Molding below capstones .08 m. high.

Crossbeams: No data.

SITE: COOPERATIVA **NUMBER:** 16 Qd (10): 16 **DATE:** 3/23 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS ROOMS 5-7

DIMENSIONS:

Length: Room 5, 2.70 m. Room 6, 5.24 m. Room 7, 2.80 m.

Width: 2.54 m.

WALLS:

Height: Unknown; room filled with debris.

Thickness: End wall, .67 m. thick. Dividing walls between rooms, .78 m. to 1.01 m. thick.

Stonework: Facing stones in walls moderately well cut.

Doorway: Doorways fallen; one jamb in place in Room 7.

Observations: Front wall completely fallen.

VAULTS:

Springline Offset: No data.

Height: No data.

Form: No data.

Stonework: Vaults faced with 6 courses of wedge-shaped, specialized stones.

Capstones: Fallen.

Crossbeams: No data.

Observations: Vaults mostly collapsed.

ROOM 8

DIMENSIONS:

Length: 6.25 m.

Width: 2.54 m.

WALLS:

Observations: Room mostly fallen; little data available. East end wall on same plane as outside face of west wall, Room 9. 4.69 m. back wall of Room 8 to left doorjamb of Room 9.

SITE: ,COOPERATIVA **NUMBER:**16 Qd (10): 16 **DATE:** 3/23 & 4/2/1984

STRUCTURE 1, GROUP A

INTERIOR DETAILS: - Room 9

DIMENSIONS:

Length: 7.05 m.

Width: 1.91 at doorway. Narrower at north end.

WALLS:

Height: Unknown; room partly filled with debris.

Stonework: Walls faced with large, roughly dressed blocks.

Doorway: Doorway .97 m. wide. Lintel 20 cm. thick. .41 m. bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: No data.

Observations: Series of shallow recesses in back wall, in first course of stones below springline. Each recessed stone has curved face. Have not seen this detail elsewhere.

VAULTS:

Springline Offset: No data.

Height: 1.42 m., springline to bottom of capstone molding.

Form: Vault not symmetrical. West side nearly vertical - slopes inward about .05 m. from bottom to top. East side normal.

Stonework: Vault stones only roughly dressed.

Capstones: Capstone span irregular; averages about .60 m. Molding below capstones 12 cm. high.

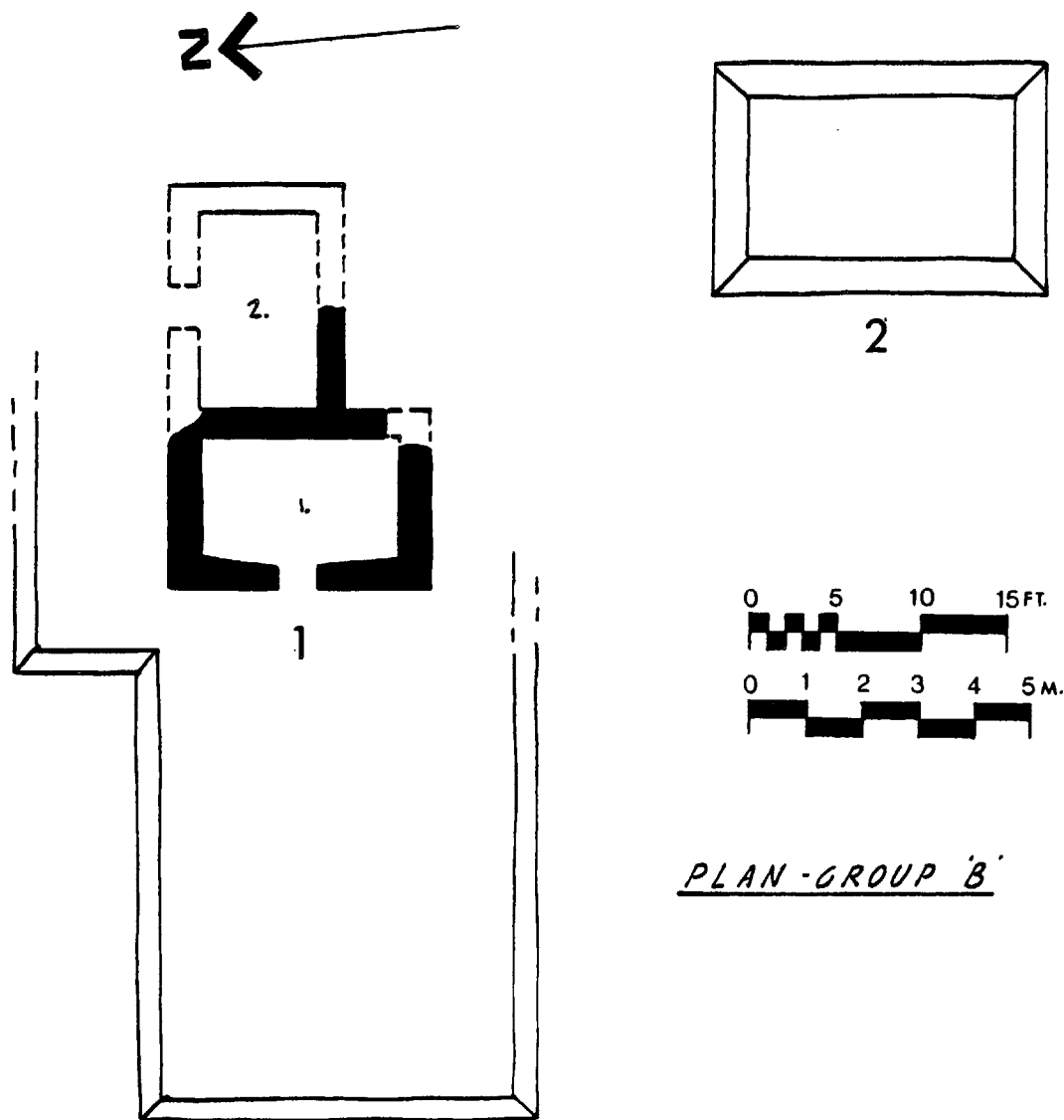
Crossbeams No data.

Observations: Crude stonework in both walls and vault suggest this room was built prior to rooms at west end.

CIVIC PLAN: As shown on the Tourtelot-Dunning site map, the various buildings are sited on a series of terraces which have been constructed on the slopes of a massive ridge. This leads to a somewhat scattered plan, with no large formal relationships indicated.

GROUP B

GROUP B is a small complex of structures situated about 250-300 meters south-southwest of Group A. Appears to consist of two buildings on a low platform or terrace. Platform not more than 1 meter high and extends about 9 meters west of Structure 1 (see plan). Structure 2 is a medium sized mound which appears to represent the remains of a fallen vaulted building. Overall size and makeup of this group uncertain as surrounding area is very overgrown, making exploration very difficult.



STRUCTURE 1

GENERAL DESCRIPTION: Small, L-shaped building with two rooms. Stands on low platform. Room 1 mostly fallen but most of Room 2 still preserved. Doorway to Room 2, west side, has single member medial molding which breaks up over doorway.

ORIENTATION: Basic orientation 5-6 degrees east of north. Room 1 faces north.

EXTERIOR DETAILS:

BASE MOLDING:

Form: Single member, rectangular molding.

Size: .28 m. high.

Projection: .03 m. from face of wall above.

LOWER WALL ZONE:

Height: 1.97 m. top of base to bottom of medial molding.

Stonework: Walls faced with 10 courses of small blocks, deeply tenoned into wall hearting. Blocks about .15-.20 m. high and .15-.23 m. wide.

Thickness: Front wall .30 m. thick at doorjamb of Room 2 but .47 m. thick at ends of room.

Decoration: None.

DOORWAYS:

Shape: Rectangular.

Jambs: Faced with large slabs, full thickness of wall. Four stones high.

Lintels: Lintel .18 m. thick.

MEDIAL MOLDING:

Form: Single member, rectangular molding.

Size: .15 m. high.

Projection: .15 m. at bottom.

Decoration: Uncertain; fallen.

Other: Medial molding breaks up over doorway to Room 2.

UPPER WALL ZONE:

Height: Uncertain; upper portion fallen.

Stonework: Wall faced with undressed stones.

Decoratio9n: None, other than "broken" molding over doorway to Room 2.

Other: Face of upper wall set back .40 m. from face of medial molding.

CORNICE: No cornice now in place and I believe there was none.

ROOF STRUCTURE: None.

ARCHITECTURAL STYLE: Early Puuc style.

COMMENTS: All architectural, decorative, and construction features of Structure 1 are typical for the Early Puuc style. As noted elsewhere (Andrews, 198), the single member medial molding which breaks up over the doorway to Room 2 is a feature which is confined to the Early Puuc style. The construction technology in Room 1 is somewhat better than in Room 2, suggesting that Room 1 was added at a later date.

SITE COOPERATIVA

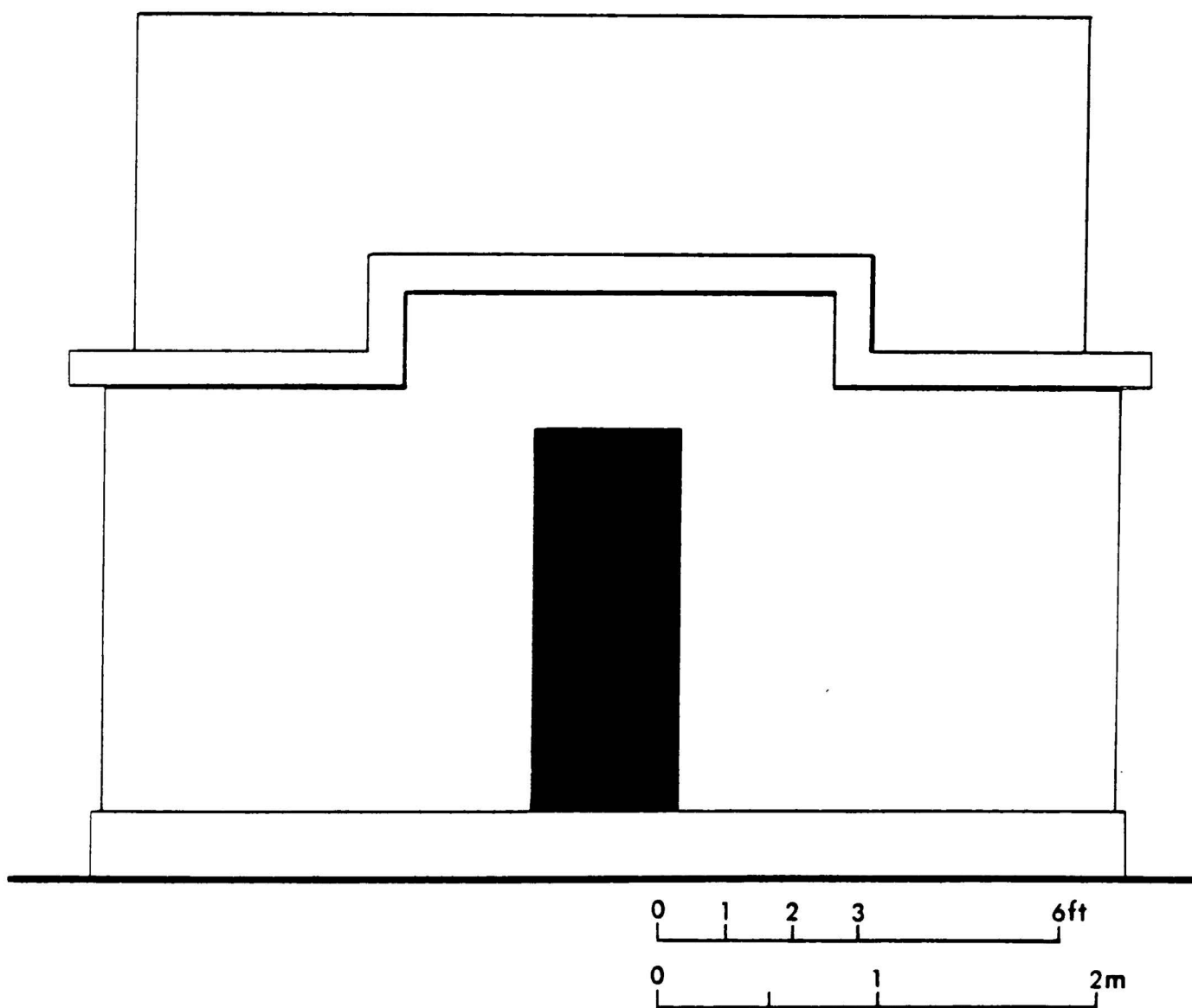
LOCATION Yucatan

DATE 4/7/84

BUILDING Group B, Str. 1

DRAWING West Facade

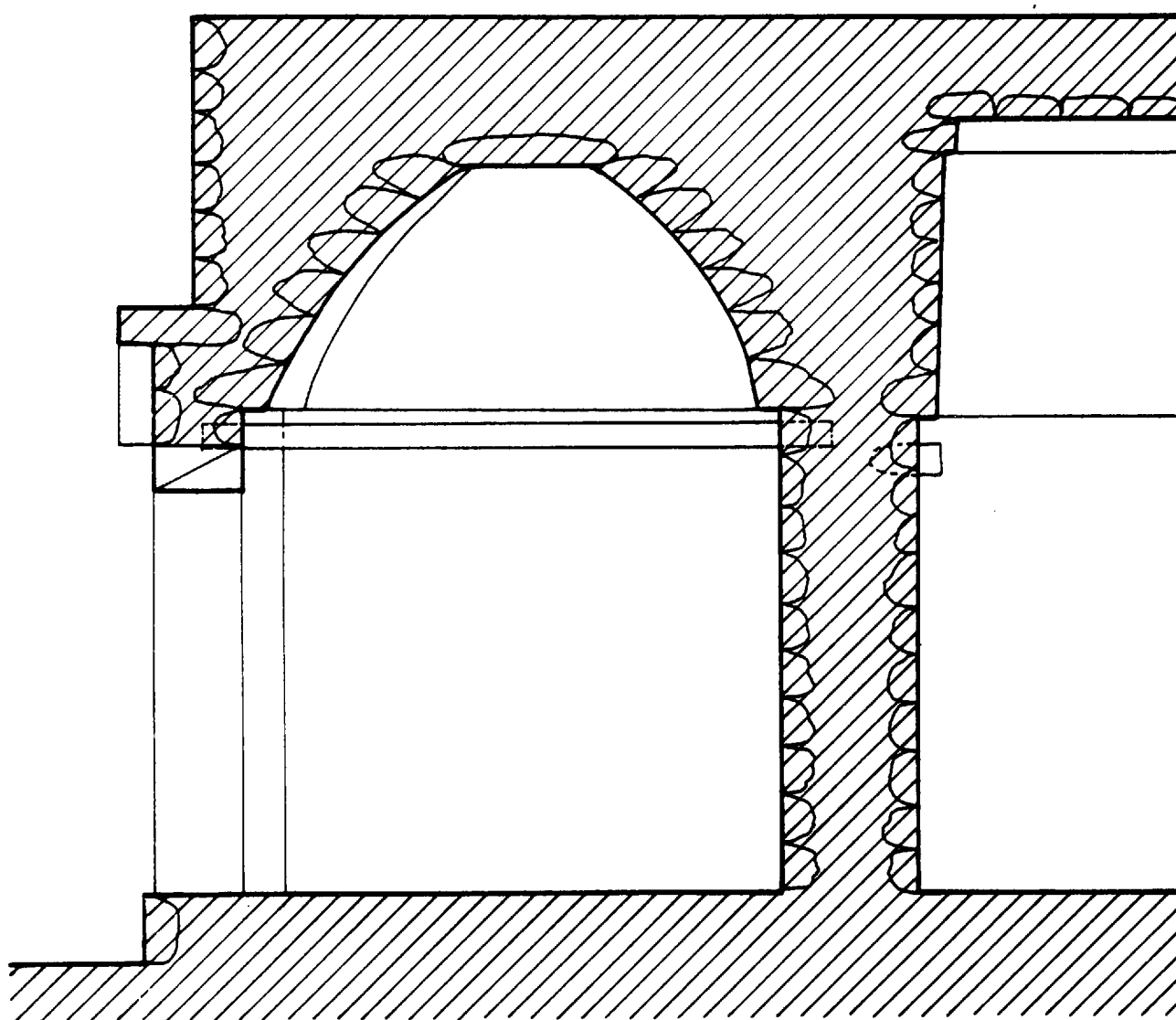
NO.



Cooperativa, Yucatan
Site 16 Qd (10): 16
Group B, Structure 1
G.F. Andrews, 4/7/84

SITE COOPERATIVALOCATION YucatanDATE 4/7/84BUILDING Group B, Str. 1DRAWING Section - Rooms 1 + 2

NO. _____



0 1 2 3 6 FT.

0 0.5 1 2 M.

Cooperativa, Yucatan
Site 16 Qd (10): 16
Group B, Structure 1
G.F. Andrews, 4/7/84

STRUCTURE 1

INTERIOR DETAILS - Room 1

DIMENSIONS:

Length: About 3.67 m.

Width: 2.36 m. at doorway, 2.19 m. at left end.

WALLS:

Height: Uncertain; room partly filled with debris.

Thickness: Front wall .38 m. thick at doorjamb.

Stonework: Walls faced with 10 courses of small, semi-veneer type blocks, only roughly finished.

Doorways: Doorway .67 m. wide. Jambs faced with large blocks, 4 courses high, full thickness of wall. .38 m. bottom of lintel to springline.

Rod Sockets: No data.

Cordholders: Very small finger-type cordholders to left of doorjamb, .17 m. to center below springline. One cordholder in front half of vault in fourth course of stones above springline. Additional small cordholders in first course of rear part of vault, one vertical and one horizontal.

Rings: None.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: .11 m.

Height: 1.06 m., springline to bottom of capstones.

Form: Vault faces show considerable curvature.

Stonework: Vault faced with 6 courses of slab to wedge shaped stones.

Capstones: Capstone span varies - .46 to .61 m. No molding below capstones.

Crossbeams: Single crossbeams near ends of room in first course of wall facing stones below springline.

Other: Vault rather low, even for Early Puuc style building.

OBSERVATIONS: Most of right end of this room fallen and whole room is in danger of collapse.

STRUCTURE 1

INTERIOR DETAILS: - Room 2

DIMENSIONS:

Length: 3.47 m.

Width: 2.13 m.

WALLS:

Height: Uncertain; room partly filled with debris.

Thickness: Rear wall .57 m. thick.

Stonework: Walls faced with small, veneer-type blocks.

Doorways: No data; fallen.

Rod Sockets: No data.

Cordholders: No data.

Rings: Horizontal ring, .13 m. thick, on back wall, .11 m. below springline. Ring is .20 m. wide, projects about .075 m. from wall.

Wall Openings: None noted.

Platforms: None.

VAULTS:

Springline Offset: No data.

Height: 1.11 m., springline to bottom of molding below capstones.

Form: Vault faces show slight curvature.

Stonework: Vault faced with 7 courses of thin, slab to wedge-shaped stones.

Capstones: Capstone span .30 m. Molding below capstones .18 m. high.

Crossbeams: No data.

